

STIC Search Report Biotech-Chem Library

STIC Database Tracking Number: 107386

TO: Terra Gibbs

Location: CM1/12A12/11E12

Art Unit: 1635

Monday, November 03, 2003

Case Serial Number: 10/005344

From: David Schreiber

Location: Biotech-Chem Library

CM1-6A03

Phone: 308-4292

david.schreiber@uspto.gov

Search Notes	
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SEARCH REQUEST FORM

Scientific and Technical Information Center

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Inventors (please provide full names)			
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STIC SEARCH RESULTS FEEDBACK FORM

Biotech-Chem Library

Questions about the scope or the results of the search? Contact the searcher or contact:

Mary Hale, Information Branch Supervisor 308-4258; CM1-1E01

voit	Intary Results Feedback Form
>	I am an examiner in Workgroup: Example: 1610
>	Relevant prior art found , search results used as follows:
	102 rejection
	103 rejection
•	Cited as being of interest.
	Helped examiner better understand the invention.
	Helped examiner better understand the state of the art in their technology.
	Types of relevant prior art found:
	☐ Foreign Patent(s)
-	 Non-Patent Literature (journal articles, conference proceedings, new product announcements etc.)
>	Relevant prior art not found:
	Results verified the lack of relevant prior art (heiped determine patentability).
	☐ Results were not useful in determining patentability or understanding the invention.
Cor	nments:

Diop official send completed forms to SMG/Blotech-Cham Libitiny GMA — Cita. Deak



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Schreiber, David

From:

Gibbs, Terra

Sent:

Tuesday, October 21, 2003 12:35 PM

To:

Schreiber, David

Subject:

Sequence search request...

Hi David,

Doug Schultz and Karen LaCourcicie recommended that I send you this search request.

I have a request for a score over length search:

I need a length limited nucleotide sequence search against SEQ ID NO:1 of USSN 10/005344, where the returns are rank ordered based on the score over length/ratio as we've discussed. I need the lengths limited to hits between 20 and 30 nucleotides, and I'll take as many hits as you can import into excel (64,000?), and alignments for anything above .75 on the above ratio. Hope this is clear, please call me if it's not. I do not need the interference databases searched.

If you could get the search results to me asap, I'd surely appreciate it.

Thanks!

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Terra Cotta Gibbs, Ph.D. Art Unit 1635 CM1, 12A12 703-306-3221

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BD199436
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1 (bases 1 to 30)

Shiozawa, S. and Konishi, Y.

Genomes participating in rheumatoid arthritis, method of diagnosing the same, method of judging the onset risk thereof, kit for the same, method of treating rheumatoid
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Unknown.
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Sequence 27 from patent
AR089907
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WO 0234912-A/13.
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/db_xref="taxon:32630"
9 c 7 g
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/mol_type="genomic DNA"
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Pred. No. 36;
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AR196942
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AR089908
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Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
Methods of assaying differential expression
Patent: US 6352829-A 27 05-MAR-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 28)
Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
Methods of assaying differential expression
Patent: US 5994076-A 28 30-NOV-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Chenchik,A., Jokhadze,G. and Bibilashvilli,R. Methods of assaying differential expression Patent: US 5994076-A 27 30-NOV-1999;
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1 (bases 1 to 28)
Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
Methods of assaying differential expression
Patent: US 6352829-A 28 05-MAR-2002;
Docation/Qualifiers
1. 28
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AR208400
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AR196943
      1 (bases 1 to 28)
Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
Methods of assaying differential expression
Patent: US 6489455-A 27 03-DEC-2002;
Location/Qualifiers
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                                                                                                                Sequence 27 from patent US AR259096
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Agrawal, S. and Kandimalla, E.R.
Pseudo-cyclic Oligonucleobases
Patent: US 6383752-A 16 07-MAY-2002;
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Sequence
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1 (bases 1 to 26)
Agrawal,S. and Kandimalla,E.R.
Pseudo-cyclic oligonucleobases
Patent: US 6383752-A 18 07-MAY-2002;
Location/Qualifiers
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1 (bases 1 to 28)
Chenchik, A., Jokhadze, G. and Bibilashvilli, R. Methods of assaying differential expression Methots: US 6489455-A 28 03-DEC-2002; Location/Qualifiers
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Sequence
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Miraglla,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 270 26-MAR-2002;
ISIS PHARMACEUTICALS INC
                                                                                                                                                                  1 (bases 1 to 30)

Sherr, C.J., Quelle, D., Roussel, M.F., Zindy, E
ARF-P19, a novel regulator of the mammalian
Patent: US 6407062-A 35 18-JUN-2002;
                                                                                                                                                                                                                     Unknown
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JP 2002508944-A/270.
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
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8 c 5 g
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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AR228262
Shannon, M., Four human z mdz12
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AX693020
AX693020.1 GI:29415983
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Cloyd,M.W., Yeh,C.-C. and Chen,J.
PCR-hybridization assays specific for
Patent: US 6448014-A 4 10-SEP-2002;
                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                 Homo sapiens
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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         , Gu,Y. and Nguyen,C.T. zinc-finger-containing
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Sequence 5754 from Patent
AX693022
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Sequence 5753 from Patent
AX693021
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                                                                                            Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
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Mammalia; Eutheria; Primates;
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                                                              Aeomica,
                                                                       Patent: EP 1281758-A 5754 05-FEB-2003;
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Similarity 100.0%; Pred. No. 89
25; Conservative 0; Mismatches
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
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Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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Sequence 5761 from Patent
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AX693029.1 GI:29415992
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol type="genomic DNA"
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                                                                                             Homo sapiens (human)
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Patent: EP 1281758-A 5763 Aeomica, Inc. (US)
                                  Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
                                                                     Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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Mammalia; Eutheria; Primates;
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/mol_type="genomic DNA"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 5767 from
AX693035
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Aeomica, Inc. (US)
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Mammalia; Eutheria; Primates;
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                                                                                       /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
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BD138345
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, I
Mammalia, Eutheria, Primates, Catarrhini, Hominidae,
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Antisense modulation of human
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                                                                               Location/Qualifiers
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ilarity 100.0%;
Conservative
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Topology: Linear;
Antisense modulation of human
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C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
10 c 4 g
                                                 /organism='Unidentified'
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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AR214384
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Sherr, C.J., Quelle, D., Roussel, M.F., Zindy, F. and Weber, J. ARF-P19, a novel regulator of the mammalian cell cycle Patent: US 6407062-A 28 18-JUN-2002;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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OS Artificial Sequence
PD UP 2001095586-A/1
PD 10-APR-2001
PF 30-SEP-100
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Local Similarity 86.7%;
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E40923
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24; Conserv
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PI TOSHINORI IDE, YASUHIRO NAKAMURA, MINORU HIROSE
C12N15/09, C12Q1/68, C12Q1/68, G01N33/50, C12N15/00 CC
FH Key Location/Qualifiers.
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Location/Qualifiers
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Ibd-related polymorphisms
Patent: WO 0142511-A 1889 14-JUN-2001;
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AX184136
AX184136.1 GI:15135477
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
fb_xref="taxon:32630" ft
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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AX693019
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Method for measuring telomeric size
Patent JP 201095586-A 3 10-APR-2001;
TOSHINORI IDE
OS Artificial Sequence
PN JP 2001095586-A/3
PD 10-APR-2001
PF 30-SEP-1999 JP 1999279948
PF TOSHINORI IDE, YASUHIRO NAKAMURA, MINORU HIROSE PC C12N15/09,C12Q1/68,C12Q1/68,G01N33/50,C12N15/00 CC 8
FH Key I Contict Constitution Qualifiers.
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1 (bases 1 to 24)
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JP 2001095586-A/3.
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
5 c 9 g
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/db_xref="taxon:32630"
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RESULT 42
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Sequence 71 from Patent WO9801467.
A72116
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1 (bases 1 to 27)
Lane, D., Boettger, V., Boettger, A., Picksley, S., Hochkeppel, H., Garcia-Echeverria, C., Chene, P. and Furet, P.
INHIBITIONS OF THE INTERACTION BETWEEN P.53 AND MDM2
                                                  unidentified unclassified.
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Sequence 71 from Patent WO9801462.
A69439
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Location/Qualifiers
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Aeomica, Inc. (US)
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Echeverria,C.G., Chene,P. and Furet,P.
Inhibitor of interaction between P53 and MDM2
Patent JP 2001500365-A 5 16-JAN-2001;
NOVARTIS AG,CANCER RESEARCH CAMPAIGN TECHNOLOGY LTD
OS Unidentified
PN JP 2001500365-A/5
PD 16-JAN-2001
PF 04-JUL-1997 JP 1998504775
PF 04-JUL-1997 JP 1998504775
PF 04-JUL-1997 JP 1998504775
PR 05-JUL-1996 GB 9614197.3,07-APR-1997 GB 9707041.1 PI
DAVID LANE,VOLKER BOTTGER,ANGELIKA BOTTGER,STEPHEN PICKSLEY, PI
HEINZ KURT HOCHKEPPEL,CARLOS GARCIA ECHEVERRIA,PATRICK CHENE, PI
PASCAL FURET
PC C1201/68,
PC G01N33/53//C07K14/82,C12N15/00,A61K37/02
CC Strandedness: Single,
FT Source 1..27
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JP 2001500365-A/5.
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1 TRANSFORMATION-ASSOCIATED RECOMBINATION CLONING PATENT: WO 9801573-A 4 15-JAN-1998;
US HEALTH (US)
Profiling tumor specific markers for the neoplastic disease Patent: WO 0240716-A 179 23-MAY-2002; Cemines, LLC (US)
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Sequence 179 from Patent
AX548255
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/mol type="genomic DNA"
/db xref="raxon:32630"
/noTe="Primer"
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 3123 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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/mol type="genomic DNA"
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/noTe="Probe"
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/note="Primer"
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Sequence 4:
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Sequence 579
AX693018
AX693018.1
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Rosen,G.D., Lennox,E.S. and Musser,J.H
Uses of diterpenoid triepoxides as an
Patent: US 6537984-A 4 25-MAR-2003;
Location/Qualifiers
w
                                         l Similarity
23; Conserv
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                                                                                                                                                       Aeomica,
                                                                                                                                                                                       Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae
                                                                                                                                                                                                                                                Homo sapiens
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Unclassified
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                                                                                     /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
5 c 10 g
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RESULT 51 AR089946 LOCUS

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AR196981
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AR089946
                                                   1 (bases 1 to 26)
Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
Methods of assaying differential expression
Patent: US 6489455-A 66 03-DEC-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                      l (bases 1 to 26)
Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
Methods of assaying differential expression
Patent: US 6352829-A 66 05-MAR-2002;
Location/Qualifiers
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Chenchik, A., Jokhadze, G. and Bibilashvilli, F
Methods of assaying differential expression
Patent: US 5994076-A 66 30-NOV-1999;
Location/Qualifiers
                                                                                                         Unclassified
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                    /organism="unknown"
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 2075 26-APR-2001;
Orchid BioSciences, Inc. (US)
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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AR051440
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25; Conserv
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Genotyping reagents, kits and methods of Patent: WO 0129262-A 1785 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                            AR072580
Sequence 6 from patent US
AR072580
AR072580.1 GI:9999344
                                                                                                                                                                                                                     Patent: US 5830670-A 6 03-NOV-1998;
Location/Qualifiers
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de la Monte, S. and Wands, J.R.
Neural thread protein gene expression
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/mol type="genomic DNA"
/db xrefs"teaxon:32630"
/noTe="Primer"
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Pred. No. 1.2e+02;
0; Mismatches 2
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Pred. No. 1.2e+02;
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Sequence 59
AX092647
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Patent: US 5948888-A 6 07-SEP-1999;
Location/Qualifiers
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Sequence
AR073125
AR073125.
                                                              Hayden,M.R., Brooks-Wilson,A.R., Pimston Compositions and methods for modulating triglyceride levels
Patent: WO 0115676-A 59 08-MAR-2001;
University of British Columbia (CA); Xe
                                                                                                                                                                                    Homo sapiens (human)
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de la Monte,S. and Wands,J.
Neural thread protein gene
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Patent: US 5948634-A 6 07-SEP-1999;
                                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/db_xref="taxon:9606"
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4 c 14 g
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                           /organism="Homo sapiens"
/mol_type="genomic DNA"
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4 c 14 g
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Pred. No. 1.2e+02;
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RESULT 63
AR208403/c
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AUTHORS
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Best Local Similarity
Matches 22; Conserv
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AR044033
AR044033.1
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                                                                                                                                                                                                                                       Unknown.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipsis Biotherapeutics Corporation (CA)
Location/Qualifiers
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Patent: WO 0142511-A 1783 14-JUN-2001;
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Mammalia; Eutheria; Primates;
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Pred. No.
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Pred. No. 1.6e+02;
0; Mismatches 1
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Pred. No. 1.3e+(
0; Mismatches
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5817462.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Rosen,G.D., Lennox,E.S. and Musser,J.H.
Uses of diterpenoid triepoxides as an a
Patent: US 6537984-A 3 25-MAR-2003;
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Agrawal, S. and Kandimalla, E.R.
Pseudo-cyclic oligonucleobases
Patent: US 6383752-A 19 07-MAY-2002;
Location/Qualifiers
                       Aeomica,
                                 Patent: EP 1281758-A 5749 05-FEB-2003;
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                                                                     Shannon, M., Gu, Y.
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Patent: WO 02072882-A 5137 19-SEP-2002;
OGHAM GmbH (DE)
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/mol_type="genomic DNA"
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                                                                                                                                                                       Patent: EP 1281758-A 5660 05-FEB-2003;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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RESULT 70

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Sequence 5725
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Sequence 5723 from Patent
AX692991
                                                                                                                                                                                                                                                                                                          Shannon,M., Gu,Y. and Nguyen,C.T. Four human zinc-finger-containing proteins
                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens (human)
                     AX692993.1
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Mammalia; Eutheria; Primates;
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/db_xref="taxon:9606"
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/mol_type="genomic DNA"
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                                                                     polymorphism.
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E50643. GI:18629424
JP 2001017185-A/7.
unidentified
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AX692997
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1 (bases 1 to 25)
Mizugaki,M. and Hiratsuka,M.
Simple detection method of d
Patent: JP 2001017185-A 7 23
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                 E50643 25 bp DNA linear PAT 31-Ji Simple detection method of drug-metabolizing synthetase gene
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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OS Unidentified
PN JP 2001017185-A/7
PD 23-JAN-2001
PF 10-DEC-1999 JP 199935
PF MICHINAO MIZUGAKI, MAS
PC C12N15/09,C12Q1/68,C1
CC LOCAT
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                         unidentified unidentified unclassified.
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  1 (bases 1 to : Haemmerle, T.D.,
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Patent: WO 0142511-A 1878 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
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Sequence 1878 from Patent
AX184125
AX184125.1 GI:15135465
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Location/Qualifiers
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C12N15/09, C12Q1/68, C12Q1/68, C12N15/00
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Location/Qualifiers
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Falkner, F.D., Kohl, J.D., Himmelspach, M.D. and
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Pred. No. 1.7e+02;
0; Mismatches 2
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Pred. No. 1.6e+02;
0; Mismatches 3
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EP0714987
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A82465
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Method for quantifying genomic DNA
Method for quantifying genomic DNA
Patent: BP 0714987-A 2 05-JUN-1996,
IMMUNO AG (AT)
Other publication AT 401270 960725
Other publication DP 8105887 960423
Other publication CA 2159043 960327
Other publication AT 183994 951215.
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Sequence 8
AR122136
AR122136.1
                                                                                                                                                                                             Sequence
A82465
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Dorner, F., Barrett, N. and Eibl, J.
Process for disintegrating nucleic
products of guaranteed quality
Patent: US 6155711-A 8 26-DEC-2000;
                                     Patent: WO 9854359-A 3 03-DEC-1998;
DUFF GORDON (GB); COX ANGELA (GB)
Location/Qualifiers
                                                                                       1 (bases 1 to 25)
Duff,G. and Cox,A.
PREDICTION OF INFLAMMATORY DISEASE ASSOCIATED WITH IL-1 GENELOCI
                                                                                                                                                        unidentified
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3 from Patent WO9854359
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                         /organism="unknown"
9 c 9 g
                                                                                                                                                                                                                                                                                                                                                                                                                                 Location/Qualifiers
/organism="unidentified'
/mol_type="genomic DNA"
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Pred. No. 1.6e.
O; Mismatches
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Pred. No. 1.6e+02;
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BD124526
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22; Conserv
 polymorphisms

Patent: JP 2002500513-A 3 01

INTERLEUKIN GENETICS INC

OS Unidentified
PN JP 2002500513-A/3

PD 08-JAN-2005

PF 21-MAY-1998 JP 1999500:
PF 29-MAY-1997 GB 9711

PI GORDON DUFF, ANGELA COX
PI GIOVINE
PC C1201/68
CC Strandedness: Single;
CC Topology: Linear;
CC Prediction of inflammal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            immune responses
Patent: WO 0200933-A 15 03-JAN-2002;
Interleukin Genetics, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       _
                                                                                                                                                         1 (bases 1 to 25)
Duff,G., Cox,A., Camp,N.J. and Giovine,F.
Prediction of inflammatory disease associ
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Sequence 15 from Patent WO0200933
AX360029
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22; Conserv
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BD124526
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             synthetic
                                                                                                                                                                                              unclassified.
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                                                       21-MAY-1998 JF 1999500358
29-MAY-1997 GB 9711040.7
GORDON DUFF, ANGELA COX, NICOLA
                                                                                                                                                                                                                                                                                                                                                                                       Conservative
Topology: Linear; Prediction of inflammatory disease
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7 c 10 g
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/mal_type="genomic DNA"
/db_xref="taxon:32630"
/noTe="Primer"
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Pred. No. 1.9e+
0; Mismatches
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                                                         CAMP, FRANCESCO
 associated
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AX117196
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AX115732.1
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Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods
Patent: WO 0129262-A 2319 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                   Sequence 2319 from Patent AX117196 AX117196.1 GI:14034147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods
Patent: WO 0129262-A 855 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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synthetic construct
artificial sequences.
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                                                                                                                                                                                                                                                                                                                                                                                              /note="n = C3 linker"
5 c 9 g
                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/noEe="Primer"
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/mol_type="genomic_DNA"
/db_xref="taxon:32644"
/organism="synthetic
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Location/Qualifiers
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AX118476
LOCUS
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AR208405/c
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Agrawal,S. and Kandimalla,E.R.
Pseudo-cyclic oligonucleobases
Patent: US 6383752-A 21 07-MAY-2002;
Location/Qualifiers
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 3599 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                 Unknown
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/mol_type="genomic DNA"
/db xref="taxon:32630"
/noTe="Primer"
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/db_xref="taxon:32630"
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AX117999
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AX190635/c
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BD073983 21 bp
Antisense oligonucleotide specific
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AX117999
AX117999.1 GI:14034950
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/mol type="genomic DNA"
/db_xref="!exaon:32630"
/note="2826468 expression forward
4 c 8 g 2 t
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/mol type="genomic DNA"
/db xref="teaxon:32630"
/noTe="Primer"
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BD074005/c
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OS Unidentified
PN JP 2001513996-A/22
PD 11-SEP-2001
PD 11-SEP-2001
PR 18-AUG-1998 JP 2000507794
PR 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI
JIANDONG CHEM, SUDHIR AGRAWAL, RUIWEN ZHANG
PC C12N15/09, A61K31/47, A61K31/7088, A61K48/00, A61P35/00, C07H21/00, PC C12N15/00
CC Strandedness Both;
CC Topology: Linear;
CC Antisense oligonuclectide specific to MDM2
FH Key Location/Qualifiers
FT source 1.21
/organism='Unidentified'.
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BD074005.1 GI:22619608
JP 2001513996-A/44.
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BD073983.1 GI:22619586
JP 2001513996-A/22.
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/organism="unidentified"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Miraglia, L.J., Nero, P., Gr
Antisense modulation of hu
Patent: JP 2002508944-A 26
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/269
PD 26-MAR-2002
PF 26-MAR-1999 JP 200053
PR 26-MAR-1998 US 09/
PI LOREN J MIRAGLIA, PAME
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Antisense modulation of P
BD138343
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                                  Homo sapiens (human)
Homo sapiens
          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Antisense modulation of human MDM2 expression
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26-MAR-1998 US 09/048810
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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modulation of human MDM2
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Hayden, M.R., Brooks-Wilson, A.R., Pimstone, S.N. and Clee, S.M. Compositions and methods for modulating hdl cholesterol and triglyceride levels patent: WO 0115676-A 14 08-MAR-2001; University of British Columbia (CA); Xenon Genetics Inc. (CA)
                                                                                                                                                                   Sequence 14 from AX092602
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="genomic DNA"
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AX092650
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Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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University of British Columbia (CA)
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/organism="Homo sapiens"
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Genotyping reagents, kits and methods of use
Patent: WO 0129262-A 1467 26-APR-2001;
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                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="genomic DNA"
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Sequence 5655 from Patent
AX692923
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Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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Shannon, M., Gu, Y. and Nguyen, C.T.
                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                              Homo sapiens (human)
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/mol_type="genomic DNA"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                     Aeomica,
                                               Patent: EP 1281758-A 5722
                                                                       Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                                                               Patent: EP 1281758-A 5728
                                                                                                                                                    Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins
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Mammalia; Eutheria; Primates;
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synthetic construct
artificial sequences.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Patent: WO 0142511-A 1646 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
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Mammalia; Eutheria; Primatea; Catarrhini; Hominidae; Homo
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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                                      1 (bases 1 to 22)
Brunkow, M.E., Proll, S., Paeper, B. and Staehling-Hampton, K. Methods for identifying genomic deletions
Patent: US 6475739-A 96-NOV-2002;
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Brunkow,M.E., Proll,S., Paeper,B. and Staehling-Hampton,K. Methods for identifying genomic deletions
Patent: US 6475739-A 90.05-NOV-2002;
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/mol_type="genomic DNA"
/db_xref="texon:32630"
/note="Synthetic oligonucleotide"
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AX385000/c
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Processes for identifying therapeutic
diseases involving fzd4 gene
Patent: WO 03005034-A 25 16-JAN-2003;
Xenon Genetics, Inc. (CA); The Univer
Location/Qualifiers
                                                                                                                                                                                                                                                 Macdonald, M.L., Zeisler, J.M., Samuels, Robataille, J.M. and Hayden, M.R. Processes for identifying therapeutic diseases involving fzd4 gene
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Xenon Genetics, Inc. (CA); The University
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/db_xref="taxon:9606"
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DEFINITION

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Mizugaki,M. and Hiratsuka,M.

TITLE Simple detection method of drug-metabolizing synthetase gene JOURNAL OTSUKA PHARMACEUT CO LTD

OS Unidentified
PN JP 2001017185-A/5
PD 23-JAN-2001
PP 10-DEC-1999 JP 1999351610
PR
PI MICHINAO MIZUGAKI,MASAHTT
PC C12N15/09,C12Q1/68
FT 80"T
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Location/Qualifiers
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Sequence 394 from Patent W00129262.
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/note="Primer"
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Sequence 1219 from Patent
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/db_xref="taxon:32630"
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Sequence 3359 from Patent
AX118236
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 2863 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 1787 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                               Picoult-Newburg, L. and Pohl, M.
Genotyping reagents, kits and methods of
Patent: WO 0129262-A 3359 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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                                                                                                                                                                                                             Homo sapiens
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                                                                                                                               Patent: EP 1281758-A 5565 05-FEB-2003;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Score 20.2; DB 1;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="genomic DNA"
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4 c 5 g 1:
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/mol_type="genomic DNA"
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Homo sapiens (human)
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Sequence 5657 from Patent
AX692925
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequence 5656 from Patent
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Sequence 5651 from Patent
AX692919
                                         AX692925.1 GI:29415888
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9 c 4 g
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/mol_type="genomic DNA"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 5662 from Patent
AX692930
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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                     , Gu, Y. and Nguyen, C.T. zinc-finger-containing proteins
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequence 5731 from Patent
AX692999
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                                                                                  Patent: EP 1281758-A 5731 05-FEB-2003; Aeomica, Inc. (US)
                                                                                                                         Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Best Local Similarity 88.0%;
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AX693000
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Patent: WO 0142511A 1371 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Miraglia,L.J., Nero,P., Graham,M.J. and Monia,B.P.
Antisense oligonucleotide modulation of human mdm2
Patent: US 6238921-A 3 29-MAY-2001;
Location/Qualifiers
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Sequence 3 from patent US
AR154586
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Location/Qualifiers
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Patent: WO 0142511-A 1457 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RES
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Miraglia, L.J., Nero, P., Graham, M.J. and Antisense oligonucleotide modulation of Patent: US 6238921-A 6 29-MAY-2001;
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Miraglia,L.J., Nero,P., Graham,M.J. and
Antisense oligonucleotide modulation of
Patent: US 6238921-A 5 29-MAY-2001;
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Miraglia,L.J., Nero,P., Graham,M.J. and
Antisense oligonuclectide modulation of
Patent: US 6238921-A 4 29-MAY-2001;
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RESULT 143
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Miraglia,L.J., Nero,P., Graham,M.J. and
Antisense oligonucleotide modulation of
Patent: US 6238921-A 9 29-MAY-2001;
Location/Qualifiers
                                                         Unknown.
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Miraglia,L.J., Nero,P., Graham,M.J. a
Antisense oligonucleotide modulation
Patent: US 6238921-A 8 29-MAY-2001;
Location/Qualifiers
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Miraglia,L.J., Nero,P., Graham,M.J. and
Antisense oligonucleotide modulation of
Patent: US 6238921-A 7 29-MAY-2001;
Location/Qualifiers
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RESULT 147
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Sequence 11 from patent US
AR154594
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 AR154595
Sequence 12
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Miraglia,L.J., Nero,P., Graham,M.J. and
Antisense oligonuclectide modulation of
Patent: US 6238921-A 11 29-MAY-2001;
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Miraglia,L.J., Nero,P., Graham,M.J. and Monia,B.
Antisense oligonucleotide modulation of human md
Patent: US 6238921,A 10 29-MAY-2001;
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Miraglla,L.J., Nero,P., Graham,M.J. and Monia,B.P.
Antisense oligonucleotide modulation of human mdm2
Patent: US 6238921-A 12 29-MAY-2001;
Location/Qualifiers
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Miraglia,L.J., Nero,P., Graham,M.J. and Monia,B.P.
Antisense oligonucleotide modulation of human mdm2
Patent: US 6238921-A 17622-MAY-2001;
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ORGANISM Unknown. Unclassified. Unclassified. Unclassified. 1 (bases 1 to 20) AUTHORS Miraglia,L.J., Nero,P TITLE Antisense oligonuclos JOURNAL Patent: US 6238921-A PEATURES Source 1. 20	0; Gaps 0;	Query Match Query Match Best Local Similarity 100.0%; Pred. No. 3.1e+02; Matches 20; Conservative 0; Mismatches 0; Indels Qy 1776 TATTTCCCCTAGTTGACCTG 1795 Db 20 TATTTCCCCTAGTTGACCTG 1
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Antis Pater		1695 TTTACATGTGCAAAGAAGCT 1714
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RESULT 153 AR154601/c LOCUS AR154601 DEFINITION Sequence 18 from pate: ACCESSION AR154601 VERSION AR154601.1 GI:151226 KEYMODES	expression	RENCE 1 (bases 1 to 20) FRORS Miraglia,L.J., Nero,P., Graham,M.J. and Monia,B.P. FILE Antiense oligonucleotide modulation of human mdm2 JRNAL Patent: US 6238921-A 15 29-MAY-2001; JRES LOCATION/QUALIFIERS SOURCE (organism="unknown" 6 a 4 a 7 7 5
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REFERENCE 1 (bases 1 to 20) AUTHORS Miraglia,L.J., Nero,P TITLE Antisense oligonucleol JOURNAL Patent: US 6238921-A: FEATURES Location/Qua. Source /organism="unitarial design of the color	0; Gaps 0;	138 138 7 150 598/c

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AR154603/c
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Unclassified.

1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J. and Monia,B.P.
Antisense oligonucleotide modulation of human mdm2
Patent: US 6238921-A 20 29-MAY-2001;
Location/Qualifiers
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Sequence
AR154605
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Sequence 20
AR154603
AR154603.1
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Miraglia,L.J., Nerc,P., Graham,M.J. and Monia,B.P.
Antisense oligonucleotide modulation of human mdm2
Patent: US 6238921-A 21 29-MAY-2001;
Location/Qualifiers
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Sequence
AR154604
Unclassified.

1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J. and Antisense oligonucleotide modulation of Patent: US 6238921-A 22 29-MAY-2001;
Location/Qualifiers
                                                                 Unknown.
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AR236783/c
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AR154608/c
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AR208406/c
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AR154608
AR154608.1
                                                                                                                                                                       Unclassified.

1 (bases 1 to 20)

Agrawal,S. and Kandimalla,E.R.

Pseudo-cyclic oligonucleobases

Patent: US 6383752-A 22 07-WAY-2002;

Location/Qualifiers
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Miraglia,L.J., Nero,P., Graham,M.J. and Monia,
Antisense oligonucleotide modulation of human
Patent: US 6238921-A 25_29-MAY-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unknown
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AR309407/c
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AR305303
                                                               1 (bases 1 to 20)
Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
                                                                                                                                                                       AR309407
Sequence 257 from patent
AR309407
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Weissman, L. Traver, D.J. and Akashi, K.
Mammalian myeloid progenitor cell subsets
Patent: US 6465247, A 3 15-OCT-2002;
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Location/Qualifiers
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Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
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AR310706/c
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Manoharan, M. and Guzaev, A.P.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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AX657359
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Sequence 1 from Patent WO0134093.
AXI46647
                                     synthetic construct synthetic construct
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Patent: WO 0134093-A 1 17-MAY-2001;
HYBRIDON, INC. (US)
Location/Qualifiers
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dalla Venezia, N.L., Magnard, C.M., Lenoir, G.M. and
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/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xrefe"texon:32630"
/noce="primer"
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Antisense oligonucleotide
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Chen, J., Agrawal, S. and Zhang, R.
Antisense oligonucleotide specific to MDM2
Patent: JP 2001513996-A 2 11-SEP-2001;
HYBRIDON INC
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PR 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI
JIANDONG CHEN,SUDHIR AGRAWAL,RUIWEN ZHANG
PC C12N15/09,A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,
PC C12N15/00
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Antisense oligonucleotide specific to
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                                                                                                                                                                                                      /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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pN JP 2001513996-A/4
pD 11-SEP-2001
pF 18-AUG-1998 JP 2000507794
pR 22-AUG-1997 US 08/916384, 06-MAY-1998 US 09/073567 PI
JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG
pC C12N15/09, A61K31/47, A61K31/7088, A61K48/00, A61P35/00, C07H21/00,
pC C12N15/00
CC Strandedness: Both;
CC Topology: Linear;
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PN JP 2001513996-A/3

PN JP 2001513996-A/3

PD 11-SEP-2001

PF 18-AUG-1998 JP 2000507794

PF 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI

JANDONG CHEN,SUDHIR AGRAWAL,RUJWEN ZHANG

PC C12N15/00

PC C12N15/00

CC C12N15/00

CC Strandedness: Both;

CC Topology: Linear;

CC Antisense oligonucleotide specific to MDM2

FT Key Location/Qualifiers

FT Source 1. 20

FT Source /organism='Unidentified,'.
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BD073965
BD073965.1 GI:22619568
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Location/Qualifiers
                                                                                                           /organism='Unidentified'
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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RESULT 172
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OS Unidentified
PN UP 2001513996-A/7
PD 11-SEP-2001
PD 11-SEP-2001
PR 22-AUG-1998 UP 2000507794
PR 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI
JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG
PC C1ZN15/09,A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,
PC C1ZN15/00
CC Strandedness Both;
CC Topology: Linear;
CC Topology: Linear;
CC Antisense oligonucleotide specific to MDM2
FH Key
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FT source //cranificry
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FT Source //cranificry
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Chen, 7, Agrawal, S. and Zhang, R.
Antisense oligonucleotide specific to
Patent: JP 2001513996-A 8 11-SEP-2001;
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BD073969
BD073969.1 GI:22619572
JP 2001513996-A/8.
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/db_xref="taxon:32644"
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BD073970
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Antisense oligonuclectide specific to MDM2

Altisense oligonuclectide specific to MDM2

Altisense oligonuclectide specific to MDM2

Altisense oligonuclectide specific to MDM2

White the state of the specific to MDM2

PRIDON INC

OS Unidentified

PN JP 2001513996-A/9

PD 11-SEP-2001

PP 18-AUG-1998 JP 2000507794

PP 18-AUG-1998 JP 2000507794

PP 22-AUG-1998 JP 2000507794

PP 18-AUG-1998 JP 2000507794

PP 22-AUG-1998 JP 2000507794

PP 22-AUG-1998 JP 2000507794

PP 18-AUG-1998 JP 200050794

PP 18-AUG-1998 JP 20005
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PF 18-AUG-1998 UP 2000507794

PR 22-AUG-1999 US 08/916384,06-MAY-1998 US 09/073567 PI
JIANDONG CHEN,SUDHIR AGRAWAL,RUTWEN ZHANG

PC C12N15/09,A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,

PC C12N15/00

CC Strandedness: Both;

CC Topology: Linear;

CC Topology: Linear;

CC Antisense oligonuclectide specific to MDM2

FH Key Location/Qualifiers

FT source /organism='Unidentified'.
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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1 (bases 1 to 20)
1 TILE Antisense oligonucleotide specific to MDM2
1 WARLION INC
OS Unidentified
PN T 2001513996-A/10
PD 11-EBP-2001
PF 18-AUG-10
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PF 18-AUG-1998 JP 2000507794
PR 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI
JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG
PC C12N15/09,A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,
PC C12N15/00
CC Strandedness: Both;
CC Topology: Linear;
CC Antisense oligonucleotide specific for the course of t
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OS Unidentified

PN JP 2001513996-A/11

PD 11-SEP-2001

PF 18-AUG-1998 UP 2000507794

PF 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI

JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG

PC C12N15/09, A61K31/47, A61K31/7088, A61K48/00, A61P35/00, C07H21/00,

PC C12N15/09

CC Strandedness: Both;

CC Topology: Linear;

CC Antisense oligonucleotide specific to MDM2

FH Key

Location/Qualifiers

FT source 1 .20
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Chen, J., Agrawal S. and Zhang, R.
Antisense oligonucleotide specific to M
Patent: JP 2001513996-A 11 11-SEP-2001;
HYBRIDON INC.
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BD073972.1 GI:22619575
JP 2001513996-A/11.
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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PN JP 2001513996-A/13

PD J1-SEP_2001

PF 18-AUG-1998 JP 2000507794

PF 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI

JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG

PC C12N15/00

CC C12N15/00

CC Strandedness: Both;

CC Topology: Linear;

CC Antisense oligonucleotide specific to MDM2

FH Key 1. 20

PT source / organism='Unidentified'.
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BD073975.1 GI:22619578
JP 2001513996-A/14.
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Chen, J., Agrawal, S. and Zhang, R.
Antisense oligonucleotide specific to MDM2
Patent: JP 2001513996-A 13 11-SEP-2001;
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/mol_type="genomic_DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD073976
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TITLE
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  Matches
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PR 22-AUG-1998 UP 2000507794
PR 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI
JIANDONG CHEN,SUDHIR AGRAWAL,RUIWEN ZHANG
PC C12N15/09
PC C12N15/09 A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,
PC C12N15/00
CC Strandedness: Both;
CC Topology: Linear;
CC Antisense oligonucleotide specific
FH Key
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PN 17 2001513996-A/14

PD 11-SEP-2001

PF 18-AUG-1998 JP 2000507794

PF 22-AUG-1998 US 09/073567 PI

JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG

PC C12N15/00, A61K31/47, A61K31/7088, A61K48/00, A61P35/00, C07H21/00,

PC C12N15/00

CC Strandedness: Both;

CC Topology: Linear;

CC Antisense oligonucleotide specific to MDM2

FT Source /organism='Unidentified'.
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l Similarity
20; Conserv
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JP 2001513996-A/15.
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                                                                                                                        /organism='Unidentified'
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/db_xref="taxon:32644"
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Antisense oligonucleotide specific to MDM2
Patent: JP 2001513996-A 16 11-SEP-2001;
HYBRIDON INC
OS Unidentified
PN JP 2001513996-A/16
PN JP 2001513996-A/16
PD 11-SEP-2001
PF 18-AUG-1998 UP 2000507794
PF 18-AUG-1998 UP 2000507794
PF 22-AUG-1997 US 08/916384,06-MAY-1998 US
JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG
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  Patent: JP 20
HYBRIDON INC
OS Unidenti
PN JP 20015
PD 11-SEP-2
PF 18-AUG-1
JIANDONG CHEN
PC C12N15/0)
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Chen,J., Agrawal,S. and Zhang,R.
Antisense oligonucleotide specific to MDM2
Patent: JP 2001513996-A 17 11-SEP-2001;
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JP 2001513996-A/17
JP 2001513996-A/17
11-SEP-2001
18-AUG-1998 JP 2000507794
22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI
DONG CHEN,SUDHIR AGRAWAL,RUIWEN ZHANG
C12N15/09,A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,
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Antisense oligonucleotide specific to
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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RESULT 182
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PR 22-AUG-1998 JP 2000507794
PR 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI
JIANDONG CHEN,SUDHIR AGRAWAL,RUIWEN ZHANG
PC C12N15/09,A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,
PC C12N15/00
CC Strandedness: Both;
CC Topology: Linear;
CC Antisense ^ 11-
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JP 2001513996-A/18
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Antisense oligonucleotide specific to MDM2
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                                                                                                                                                                                /organism="unidentified"
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Location/Qualifiers
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BD073981
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PR 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI
JIANDONG CHEN,SUDHIR AGRAWAL,RUIWEN ZHANG
PC C12N15/00,A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,PC C12N15/00
CC Strandedness: Both;
CC Topology: Linear;
CC Antisense oligonucleotide specific
FH Key
FT source
Location/
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                                                 HYBRIDON INC

OS Unidentified

PU JP 2001513996-A/20

PD 11-SEP-2001

PF 18-AUG-1998 JP 2000507794

PR 22-AUG-1997 US 08/916384,06-MAY-1998 US 22-AUG-1997 US 08/916384,06-MAY-1998 US DIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG

PC C12N15/09,A61K31/47,A61K31/7088,A61K48/00,A611

PC C12N15/09

CC Strandedness: Both;

CC Topology: Linear;

CC Antisense oligonucleotide specific to MDM2

FH Key Location/Qualifiers

FT source 1.20

PT source 1.20

PT Topology: Docation/Unidentified'.
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Antisense oligonuclectide specific to MDM:
Patent: JP 2001513996-A 19 11-SEP-2001;
HYBRIDON INC
OS Unidentified
PN JP 2001513996-A/19
PD 11-SEP-2001
PF 18-AUG-1998 JP 2000507794
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BD073981.1 GI:22619584
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JP 2001513996-A/19.
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Pu 17 2001513996-A/21

PD 11-SEP-2001

PF 18-AUG-1998 UP 2000507794

PF 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI

JIANDONG CHEN,SUDHIR AGRAWAL,RUIWEN ZHANG

PC C12N15/90

CC C12N15/90

CC C12N15/00

CC Strandedness: Both;

CC Topology: Linear;

CC Antisense oligonucleotide specific to MDM2

FT Source /organism='Unidentified'.
          1 (bases 1 to 20)
Chen,J., Agrawal,S. and Zhang,R.
Antisense oligonucleotide specific to M
Patent: JP 2001513996-A 23 11-SEP-2001;
HYBRIDON INC.
                                                                                                                 BD073984.1 GI:2261
JP 2001513996-A/23.
unidentified
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Antisense oligonucleotide
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Chen,J., Agrawal,S. and Zhang,R.
Antisense oligonucleotide specific to MDM2
Patent: JP 2001513996-A 21 11-SEP-2001;
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JP 2001513996-A/21.
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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PN JP 200151396-A/24

PD 11-SEP-2001

PF 18-AUG-1998 JP 2000507794

PF 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI

JIANDONG CHEN,SUDHIR AGRAWAL,RUIWEN ZHANG

PC C12N15/00

PC C12N15/00

CC C12N15/00

CC Strandedness: Both;

CC Topology: Linear;

CC Antisense oligonucleotide specific to MDM2

FM Key

Location/Qualifiers

FT source

/organism='Unidentified'.
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PD 11-SEP-2001

PF 18-AUG-1998 JP 2000507794

PF 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI

JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG

PC C12N15/09, A61K31/47, A61K31/7088, A61K48/00, A61P35/00, C07H21/00,

PC C12N15/00

CC Strandedness: Both;

CC Topology: Linear;

CC Topology: Linear;

CC Antisense oligonucleotide specific to MDM2

FH Key

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/rganism='Unidentified'.
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD073988/c
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         UF 2001513996-A/28

PD 11-SEP-2001

PF 18-AUG-1998 JP 2000507794

PR 22-AUG-1997 US 08/916384,06-MAY-1998 US 08/073567 PI

JIANDONG CHEN,SUDHIR AGRAWAL,RUIWEN ZHANG

PC C12N15/09,A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,

PC C12N15/00

CC Strandedness: Both;

CC Topology: Linear;

CC Antisense oligonum?
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PN JP 2001513996-A/27
PD 11-SEP-2001
PF 18-AUG-1998 JP 2000507794
PF 18-AUG-1997 US 08/916384,06-MAY-1998 US
JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG
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Chen, J., Agrawal, S. and Zhang, R.
Antisense Oligonucleotide specific to MDM2
Patent: JP 2001513996-A 28 11-SEP-2001;
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BD073989
BD073989.1 GI:22619592
JP 2001513996-A/28.
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Chen, 1., Agrawal, S. and Zhang, R.
Antisense oligonuclectide specific to M
Patent: JP 2001513996-A 27 11-SEP-2001;
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Topology: Linear;
Topology: Linear;
Antisense oligonucleotide specific to
Antisense oligonucleotide pecific to
Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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ive 0; Mismatches
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SOURCE
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BD073990/c
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BD073991/c
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RS Chen, J., Agrawal, S. and Zhang, R.

Antisense oligonuclectide specific to MDM2

Patent: JP 2001513996-A 29 11-SEP-2001;

PHENIDON INC

OS Unidentified

PN JP 2001513996-A/29

PD 11-SEP 2001

11-SEP 2001

11-SEP 2001

PF 18-AUG-1998 JP 2000507794

PF 22-AUG-1997 US 08/916384, 06-MAY-1998 US 09/073567 PI

JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG

PC C12N15/09, AG1X31/47, AG1X31/7088, AG1X48/00, AG1P35/00, C07H21/00,

PC C12N15/09, AG1X31/47, AG1X31/7088, AG1X48/00, AG1P35/00, C07H21/00,

CC Strandedness: Both;
CC Topology: Linear;
CC Antisense oligonuclectide specific to MDM2

FH Key

FT source

/organism='Unidentified'.
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BD073991 GI:22619594
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Antisense oligonucleotide
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BD073990.1 GI:22619593
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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LI-SEP-2001;

LI-SEP-2001

PF 18-AUG-1998 UP 2000507794

PR 22-AUG-1997 US 08/916384,06-MAY-1998 US
JIANDONG CHEN,SUDHIR AGRAWAL,RUIWEN ZHANG
PC C12N15/09,A61K31/47,A61K31/7088,A61K48/^^
PC C12N15/00

CC Strandedness: Both;
CC Topology: Linear;
CC Topology: Linear;
FH Key
FT sourc^
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Best Local Similarity
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SY Unidentified

PN JP 2001513996-A/31

PD 11-SEP-2001

PF 18-AUG-1998 UP 2000507794

PF 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI

JIANDONG CHEN,SUDHIR AGRAWAL,RUIWEN ZHANG

PC C12N15/00

PC C12N15/00

CC C12N15/00

CC Strandedness: Both;

CC Topology: Linear;

CC Antisense oligonucleotide specific to MDM2

FT Source 1.20

FT source /organism='Unidentified'.
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Antisense oligonucleotide specific to MDM2
Patent: JP 2001513996-A 30 11-SEP-2001;
HYBRIDON INC
OS Unidentified
PN JP 2001513996-A/30
PD 11-SEP-2001
PF 18-AUG-1998 JP 2000507794
PR 22-AUG-1997 US 08/916384,06-MAY-1998
PR 22-AUG-1997 US 08/916384,06-MAY-1998
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Antisense oligonucleotide specific to MDM2
Patent: JP 2001513996-A 31 11-SEP-2001;
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JP 2001513996-A/31.
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                                                                                                                     /organism='Unidentified'.
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
5 c 6 g
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/db_xref="taxon:32644"
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KEYWORDS
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py Jp 2001513996-A/32
pD 11-SEP-2001
pr 18-AUG-1998 US 09/073567 pI
18-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 pI
JIANDONG CHEN,SUDHIR AGRAWAL,RUIWEN ZHANG
pc C12N15/09,AG1X31/47,AG1X31/7088,AG1X48/00,AG1P35/00,C07H21/00,
pc C12N15/00
CC Strandedness: Both;
CC Topology: Linear;
CC Antisense oligonucleotide specific to MDM2
FT Key Location/Qualifiers
FT source /organism='Unidentified'.
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11-SEP-2001
18-AUG-1998 JP 2000507794
22-AUG-1997 US 08/916384,06-MAY-1998
ONG CHEN,SUDHIR AGRAWAL,RUIWEN ZHANG
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1230 TCATGCAATGAATGAATCC 1249
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OS Unidenti
PN JP 20015
PN 11-SEP-2
PD 18-AUG-1
PR 22-AUG-1
BD073996 20 bp DNA Antisense oligonucleotide specific to MDM2
                                                                                                                                                                                                                                                                                                                                                                                                                                            PF 18-AUG-1998 JP 2000507794
PR 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI
JIANDONG CHEN.SUDHIR AGRAWAL,RUIWEN ZHANG
PC C12N15/09,A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,
PC C12N15/09,A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,
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Chen, J., Agrawai, S. and Zhang, R.
Antisense Oligonucleotide specific to MDM2
Patent: JP 2001513996-A 34 11-SEP-2001;
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JP 2001513996-A/34.
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llarity 100.0%; P
Conservative 0;
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Key Location/Qualifiers
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                                                                                                                                                                                                                                           /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Best Local
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                                         PF 18-AUG-1998 JP 2000507794
PF 18-AUG-1998 JP 2000507794
PR 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI
JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG
PC C12N15/09,A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,
PC C12N15/00
CC Strandedness: Both;
CC Topology: Linear;
CC Antisense oligonucleotide specific
FH Key
FT source
                  source
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PN UP 200151396-A/35

PD 11-SEP-2001

PF 18-AUG-1998 UP 2000507794

PF 18-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI

JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG

PC C12N15/00, A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,

CC C12N15/00

CC Strandedness: Both;

CC Topology: Linear;

CC Antisense oligonucleotide specific to MDM2

FM Key Location/Qualifiers

FT source / Organism='Unidentified'.
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/organism="unidentified"
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REFERENCE
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BD073999/c
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AUTHORS
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ORGANISM
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Best Local
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OS Unidentified
PN JP 2001513996-A/37
PD 11-SEP-2001
PD 11-SEP-2001
PR 22-AUG-1998 UP 2000507794
PR 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI
JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG
PC C12N15/09, A61K31/47, A61K31/7088, A61K48/00, A61P35/00, C07H21/00,
PC C12N15/00
CC Strandedness Both;
CC Topology: Linear;
CC Antisense oligonucleotide specific to MDM2
FH Key Location/Qualifiers
FT source //cganism='Unidentified'.
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1 (bases 1 to 20)

Chen, J., Agrawal, S. and Zhang, R.

Antisense oligonucleotide specific to MDM2

Patent: JP 2001513996-A 38 11-SEP-2001;
                                                                                       Antisense oligonucleotide specific to MDM2
BD073999
BD073999.1 GI:22619602
JP 2001513996-A/38.
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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Matches
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Best Local Similarity
Matches 20; Conserv
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py JP 2001513996-A/38
pD 11-SEP-2001
pF 18-AUG-1998 JP 2000507794
pF 22-AUG-1998 JP 2000507794
pF 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI
JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG
pC C12N15/09, A61K31/47, A61K31/7088, A61K48/00, A61P35/00, C07H21/00,
pC C12N15/00
CC Strandedness: Both;
CC Topology: Linear;
CC Antisense oligonucleotide specific to MDM2
FT Key Location/Qualifiers
FT source /organism='Unidentified'.
                                                                                                                                                                                                                                                                                                                OS Unidentified

PN JP 2001513996-A/39

PD 11-SEP-2001

PF 18-AUG-1998 UP 2000507794

PF 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI

JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG

PC C12N15/09, A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,

PC C12N15/09 A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,

PC T10P15/09 A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,

PC T2N15/09 A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,

PC T3N15/09 A61K31/7088,A61K48/00,A61P35/00,C07H21/00,

PC T3N15/09 A61K31/7088,A61K48/00,A61P35/00,C07H21/00,

PC T3N15/09 A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,

PC T3N15/09 A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,

PC T3N15/09 A61K31/47,A61K31/47,A61K31/1088,A61K48/00,A61F35/00,A61F35/00,A61F35/
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Chen, J., Agrawal, S. and Zhang, R.
Antisense oligonucleotide specific to MI
Patent: JP 2001513996-A 39 11-SEP-2001;
HYBRIDON INC
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JP 2001513996-A/39.
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/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD074001/c
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BD074002/c
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OS Unidentified
PN JP 2001513996-A/40
PD 11-SEP-2001
PF 18-AUG-1998 JP 2000507794
PF 22-AUG-1997 US 08/916384.06-MAY-1998 US 09/073567 PI
JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG
PC C12N15/90, A61K31/47, A61K31/7088, A61K48/00, A61P35/00, C07H21/00,
PC C12N15/00
CC Strandedness: Both;
CC Topology: Linear;
CC Antisense oligonucleotide specific to MDM2
FT Source 1 . 20
FT Source /organism='Unidentified'.
PD 11-SEP-2001
PF 18-AUG-1998 JP 2000507794
PF 22-AUG-1998 US 08/916384,06-MAY-1998 US 09/073567 PI
JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG
PC C12N15/09,A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,
PC C12N15/00
CC Strandedness: Both;
CC Topology: Linear;
CC Antisense 77
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Chen, J., Agrawal, S. and Zhang, R.
Antiense oligonuclectide specific to M
Patent: JP 2001513996-A 41 11-SEP-2001;
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BD074002
BD074002.1 GI:22619605
JP 2001513996-A/41.
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BD074001.1 GI:2261
JP 2001513996-A/40.
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Location/Qualifiers
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/db_xref="taxon:32644"
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DEFINITION
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BD074003/c
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BD074004/c
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Best Local Similarity
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pN JP 2001513996-A/42
pD 11-SEP-2001
PF 18-AUG-1998 JP 2000507794
PF 22-AUG-1998 US 09/073567 PI
JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG
PC C12N15/00
CC C12N15/00
CC Strandedness: Both;
CC Topology: Linear;
CC Antisense oligonucleotide specific to MDM2
FT source /organism='Unidentified'.
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BD074004 2
Antisense oligonucleotide s;
BD074004 BD074004 1 GI:22619607
JP 2001513996-A/43.
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BD074003
BD074003.1 GI:22619606
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/mol_type="genomic DNA"
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/db_xref="taxon:32644"
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RESULT 204
BD074006/c
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PR 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI
JIANDONG CHEN,SUDHIR AGRAWAL,RUIWEN ZHANG
PC C12N15/09,A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,
PC C12N15/09
CC Strandedness: Both;
CC Topology: Linear;
CC Antisense oligonucleotide specific
FH Key
FT source
FT source
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OS Unidentified
PN JP 2001513996-A/45
PN JP 2001513996-A/45
PN JP 2001513996-A/45
PD 11-SEP-2001
PD 11-SEP-2001
PR 18-AUG-1998 JP 2000507794
PR 22-AUG-1997 US 08/916384,06-MAY-1998 US 09/073567 PI
JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG
PC C12N15/09,A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,PC
C12N15/00
CC Strandedness Both;
CC Topology: Linear;
CC Antisense oligonucleotide specific to MDM2
FH Key Location/Qualifiers
FT source /organism='Unidentified'.
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Antisense oligonucleotide specific to MDM2
Patent: JP 2001513996-A 43 11-SEP-2001;
HYBRIDON INC
OS Unidentified
PN JP 2001513996-A/43
PD 11-SEP-2001
PF 18-AUG-1998 JP 2000507794
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Chen,J., Agrawal,S. and Zhang,R.
Antisense oligonucleotide specific to MI
Patent: JP 2001513996-A 45 11-SEP-2001;
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BD074006.1 GI:22619609
JP 2001513996-A/45.
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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BD074008/c
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BD074007/c
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OS Unidentified
PN JP 2001513996-A/46
PN JP 2001513996-A/46
PD 11-SEP-2001
PF 18-AUG-1998 JP 2000507794
PR 22-AUG-1997 US 08/916384.06-MAY-1998 US 09/073567 PI
JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG
PC C12N15/09, A61K31/47, A61K31/7088, A61K48/00, A61P35/00, C07H21/00, PC C12N15/00
CC Strandedness: Both;
CC Topology: Linear;
CC Antisense oligonuclectide specific to MDM2
FH Key Location/Qualifiers
FT source /organisms'Unidentified'.
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 Chen, J., Agrawal, S. and Zhang, R.
Antisense oligonuclectide specific to MDM2
Patent: JP 2001513996-A 47 11-SEP-2001;
HYBRIDON INC
OS Unidentified
PN JP 2001513996-A/47
PD 11-SEP-2001
PF 18-AUG-1998 JP 2000507794
PR 22-AUG-1997 US 08/916384,06-MAY-19
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JP 2001513996-A/47.
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Antisense oligonucleotide specific to Patent: JP 2001513996-A 46 11-SEP-2001
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11-SEP-2001
18-AUG-1998 JP 2000507794
22-AUG-1997 US 08/916384,06-MAY-1998
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RESULT 208
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artificial sequences.
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PC C12N15/09,A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,
PC C12N15/00
CC Strandedness: Both;
CC Topology: Linear;
CC Antisense oligonucleotide specific to MDM2
FH Key
FT source /organism='Unidentified'.
                                                                                                                                                                                                                                                                                                                                                                                                             A method of arraying genome clone
Patent: JP 2001321190-A 1048 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RE
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JP 2001321190-A/1048
20-NOV-2001
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PI EIICHI
PC C12N15/00,
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Todd,J.A., Hess,J.W., Caskey,C.T., and Hey,P.
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Patent: JP 2001321190-A 1482 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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BD089238.1 GI:22634848
JP 2001321190-A/1482.
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Patent: JP 2002501376-A 229 15-JAN-2002;
THE WELLCOME TRUST LTD AS TRUSTEE TO THE WELLCOME
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synthetic construct
artificial sequences.
                                                                                                                                                                                                                                                                                           Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
                                                                                                                                                                                                                                                                                                                                     JP 2002501376-A/229.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Similarity
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                                                                                                                         15-JAN-2002
15-APR-1998 UP 1998543635
15-APR-1997 US 60/043553,05-JUN-1997
ANDREW TODD,JOHN WILFRED HESS,CHARLES
AS CASKEY,ROGER
                                                     DAVID COX,
DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,
A61K39/395,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Artificial Sequence
JP 2001321190-A/1482
20-NOV-2001
12-MAR-2001 JP 2001068285
                                                Strandedness:
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                                                                                                                                                                                         JP 2002501376-A/229
                                    opology: Linear;
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Location/Qualifiers
            Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Single;
                      Location/Qualifiers
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RESULT 211
BD138077/c
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KEYWORDS
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BD128205/c
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Best Local S
Matches 20
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JOURNAL
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Best Local :
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                                                                                                                                                                                                                                                                                                                        PC C12P21/02,C12Q1/68//C12P21/08,G06F17/30,C12N1/21,
Description of Artificial Sequence: an artificially CC
synthesized primer
CC sequence
FH Key
FT source
Location'
                                                                                                                                                        2341
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Primer for synthesizing full-length cDNA and us Patent: JP 2002017375-A 3636 22-JAN-2002; HELIX RESEARCH INSTITUTE OS Unidentified PN JP 2002017375-A/3636 PN JP 2002017375-A/3636 PD 22-JAN-2002 PF 07-JUL-2000 JP 2000253172 PT TOSHIO OTA,TETSUO NISHIKAWA,TAKAO ISOGAI,KO PI ISHII, KAWAI,AI WAKAWATSU,TOMOYASU SUGIYAMA,IPI YURI KAWAI,AI WAKAWATSU,TOMOYASU SUGIYAMA,IPI YURI KAWAI,AI WAKAWATSU,TOMOYASU SUGIYAMA,IPI
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BD138077
Antisense modulation of h
BD138077
BD138077.1 GI:23233022
JP 2002508944-A/3.
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Primer for synthesizing f
BD128205
BD128205.1 GI:23223150
JP 2002017375-A/3636.
unidentified
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(bases 1 to 20)

Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y., Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
                                                                                                                                                                                    l Similarity
20; Conserv
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20; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PI YURI KAWAI,AI WAKAMATSU,TOMOYASU
SHINICHI KOJIMA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                unidentified
                                                                                                                              CAAAGTGCTGGGATTACAGG
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                                                                                                                                                                                                                                                                                                            /organism='Unidentified'.
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
7 c 3 g
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/mol_type="genomic DNA
/db_xref="taxon:35827"
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Pred. No.
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Pred. No.
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                                                                                                                                                                                                               Length 20
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                                                         PAT 18-SEP-2002
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AUTHORS
TITLE
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VERSION
KEYWORDS
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BD138078/c
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                                                                                               Lassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P.

TITLE Antisense modulation of human MDM2 expression

JOURNAL JP 2002508944-A 4 26-MAR-2002;

YENT OS Unidentified
PN 1518 PHARMACEUTICALS INC
OS Unidentified
PD 26-MAR-2002
PF 26-MAR-1999
PR 26-MAR-1999
PR 26-MAR-1999
PR 26-MAR-1999
PR 26-MAR-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURES
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1 (bases 1 to 20)
1 (bases 1 to 20)
1 TITLE Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 3 26-MAR-2002;
VENT OS Unidentified
PN 2002508944-A/3
PD 26-MAR-2002
PF 26-MAR-2099
PR 26-MAR-1999
PR 26-MAR-1999
PR 26-MAR-1999
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Matches
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TITLE
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                                                                                                                                                                                                                                                                                                                                                                                                              COUNT
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Antisense modulation of human
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Justiny 100.0%;
Conservative
                   Location/Qualifiers
                                                                COWSERT C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//C12O1/68,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Location/Qualifiers
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                           Topology: Linear;
Antisense modulation of human
                                             Strandedness: Single;
                                                         C12N15/00
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Antisense modulation of human
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                                                                                                       LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
8 c 7 g
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/organism='Unidentified'.
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                          RESULT 214
BD138080/c
LOCUS
DEFINITION
ACCESSION
VERSION
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AUTHORS
TITLE
JOURNAL
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BD138079/c
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1 (bases 1 to 20)

TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 5 26-MAR-2002;

VENT OS Unidentified PD 2002508944-A/5
PD 26-MAR-2002
PF 26-MAR-1994 TPR 26-MAR-1994
PR 26-MAR-1994
BD138080
Antisense modulation of human M
BD138080
BD138080.1 GI:23233025
JP 2002508944-A/6:
unidentified
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BD138079
BD138079.1 GI:23233024
JP 2002508944-A/5.
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Antisense modulation of
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Location/Qualifiers
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/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD138081/c
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1 (bases 1 to 20)

TITLE
Antisense modulation of human MDM2 expression
JOURNAL PATENT: JP 2002508944-A 6 26-MAR-2002;

WENT OS Unidentified
PN JP 2002508944-A/6
PN 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1999 ---
PR 26-MAR-1999 ---
PR 26-MAP
                                                                                                                                                                                                                                                                                                                                              Pocus
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TITLE
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Best Local 9
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Miraglia, LJ., Nero, P., Graham, M.J., Monia, B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 7 26-MAR-2002;

ISIS PHARMACEUTICALS INC
OS Unidentified PN JP 2002508944-A/7
PD 26-MAR-1999 JP 200538025
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
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BD138081 20 h
Antisense modulation of human
BD138081
BD138081.1 GI:23233026
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                                                     Topology: Linear;
Antisense modulation of human
                                                                          C12N15/00
Strandedness: Single;
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT
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Antisense modulation of
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/organism='Unidentified'
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD138082/c
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BD138083/c
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BD138083 20 bp
Antisense modulation of human M
BD138083
BD138083.1 GI:23233028
JP 2002508944-A/9.
unidentified
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JP 2002508944-A/8.
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Antisense modulation of human MDM2 expression.
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Antisense modulation of human
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26-MAR-1998 US 09/048810
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/mol_type="genomic_DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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BD138084/c
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Best Local Similarity
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TITLE
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.!
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 10 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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BD138084.1 GI:23233029
JP 2002508944-A/10.
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ilarity 100.0%;
Conservative (
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                                                                                                                                                               Strandedness: Single;
                                                                                                                                                                                                                                                                                                                                              Unidentified 
JP 2002508944-A/10
                                                                                                                            Topology: Linear;
Antisense modulation of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Topology: Linear;
Antisense modulation of human MDM2
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C12N15/00
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT
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                                                       /organism='Unidentified'
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
9 c 2 g
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   /organism⇔"unidentified"
/mol_type="genomic DNA"
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3.1e+02;
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                                                                                                         RESULT 220
BD138086/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
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AUTHORS
TITLE
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BD138085/c
LOCUS
DEFINITION
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                                                                                                Antisense modulation of human MDM2 expression.
BD138086
BD138086.1 GI:23233031
JP 2002508944-A/12.
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1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
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                                                                        unidentified unidentified
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BD138085
BD1380851 GI:23233030
JP 2002508944-A/11.
                                                       unclassified
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/db_xref="taxon:32644"
5 c 5 g
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Pred. No.
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3.1e+02;
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1 (bases 1 to 20)

Miraglia, L.J., Nero, D., Graham, M.J., Monia, B.P. an Antisense modulation of human mDM2 expression Patent: JP 2002508944-A 11 26-MAR-2002;

ISIS PHARMACEUTICALS INC
OS Unidentified PN JP 2002508944-A/11
PD 26-MAR-1999 JP 200538025
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Strandedness: Single;
Topology: Linear;
Antisense modulation of human MDM2 expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//C12Q1/68,
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and
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BD138087/c
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                                                                                                                                                                                                        unclassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 13 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified
PN JP 2002508944-A/13
PD 26-MAR-2002

PF 26-MAR-1999 UP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BR
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Antisense modulation of human
BD138087
BD138087.1 GI:23233032
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                                                                                                           Topology: Linear;
Antisense modulation of
                                                                                                                                   Strandedness:
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26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
26-MAR-1998 US NEW WARK J
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Location/Qualifiers
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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AUTHORS
TITLE
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                                                                                                                                                                                                                                                                                          BASE COUNT
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Best Local S
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Miraglia,LJ, Nero,P., Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 14 26-MAR-2002;

ISIS PHARMACECUTICALS INC
OS Unidentified PN JP 2002508944-A/14
PD 2002508944-A/14
PD 26-MAR-1999 JP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
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                                                                   BD138089
Antisense modulation of human M
BD138089
BD138089.1 GI:23233034
JP 2002508944-A/15.
unidentified
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BD138088
unclassified.
1 (bases 1 to 20)
Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.)
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 15 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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JP 2002508944-A/14.
unidentified
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llarity 100.0%;
Conservative
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Antisense modulation of human
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/mol_type="genomic DNA"
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Pred. No.
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BD138090/c
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.I
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 16 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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BD138090.1 GI:23233035
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Antisense modulation of
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Antisense modulation of human
Location/Qualifiers
                                                                                                     location/Qualifiers
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
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                                                                                                              Topology: Linear;
Antisense modulation of
                                                                                                                                  Strandedness: Single;
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JP 2002508944-A/15
26-MAR-2002
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                  /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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/mol_type="genomic DNA"
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                            REFERENCE
AUTHORS
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ACCESSION
VERSION
KEYWORDS
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BD138092/c
LOCUS
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AUTHORS
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BD138091/c
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1 (bases 1 to 20)

1 (bases 1 to 20)

TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 17 26-MAR-2002;

VENT OS Unidentified PL OF 2002508944-A/17
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1999 ---
PR 26-MAR-1999 ---
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PR 26-MAR-1999 ---
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Antisense modulation of h
BD138091.1 GI:23233036
BD138091.1 GI:23233036
JP 2002508944-A/17.
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Antisense modulation of human MDM2
BD138092
BD138092.1 GI:23233037
JP 2002508944-A/18.
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1 (bases 1 to 20)
Miraglia,L.J., Neto,P., Graham,M.J., Monia,B.I
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 18 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
ON JP 2002508944-A/18
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Antisense modulation of human Location/Qualifiers
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llarity 100.0%;
Conservative (
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD138093/c
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2002508944-A 19 26-MAR-2002;
2002508944-A 19 26-MAR-2002;
2002508944-A/19
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Matches
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Antisense modulation of
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Antisense modulation of
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      Conservative
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BD138095/c
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THORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and TLE Antisense modulation of human MDM2 expression RNAL Patent: JP 2002508944-A 21 26-MAR-2002; TOS Unidentified PN JP 2002508944-A/27
PD 26-MAR-2007
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Antisense modulation of hu
Patent: JP 2002508944-A 20
ISIS PHARMACEUTICALS INC
OS Unidentified
PN 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1999 JP 200053
PR 26-MAR-1998 US 09/
PI LOREN J MIRAGLIA, PAME
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Antisense modulation o
BD138094
BD138094-1 GI:2323303
JP 2002508944-A/20.
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Antisense modulation of human
BD138095
BD138095.1 GI:23233040
JP 2002508944-A/21.
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Antisense modulation
Location/Qualifiers
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26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
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Location/Qualifiers
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/mol_type="genomic_DNA"
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BD138096/c
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TITLE

Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 22 26-MAR-2002;

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JP 2002508944-A/22
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26-MAR-2002
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26-MAR-1909
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Antisense modulation of
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C12N15/00
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LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX
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Location/Qualifiers
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BD138107/c
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TITLE Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.

TOURNAL Patent: JP 2002508944-A 33 26-MAR-2002;

YENT OS Unidentified
DD 20-MAR-2002
PD 26-MAR-2002
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TITLE

Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 25 26-MAR-2002;

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PF 26-MAR-1999
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BD138099
BD138099.1 GI:2323304
JP 2002508944-A/25.
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M
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Antisense modulation
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100.0%; Pred. No. 3.1
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Best Local S
Matches 20
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                                                                                                                                                                                                                                                                    unclassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 34 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified
PN JP 2002508944-A/34
PD 2002508944-A/34
PD 26-MAR-1999 JP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BR
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Antisense modulation of
BD138108
BD138108.1 GI:23233053
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                TTGGCTGCTTCTGGGGCCTG 33
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Antisense modulation of
Location/Qualifiers
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
                                                                                                                                                                                                                             C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//C12Q1/68,
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Antisense modulation of
                                         Conservative
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
                                                                                           xref="taxon:32644"
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AUTHORS
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DEFINITION
ACCESSION
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BD138110/c
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BD138109/c
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TITLE Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 35 26-MAR-2002;

WENT OS Unidentified
PD 2002508944-A/35
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2999
PR 26-MAR-1999
PR 26-MAR-1999
PR 26-MAR-1999
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Matches 20
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Antisense modulation of human M
BD138110
BD138110.1 GI:23233055
JP 2002508944-A/36.
unidentified
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Antisense modulation
BD138109
BD138109.1 GI:2323:
JP 2002508944-A/35.
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Antisense modulation of
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                                                                                                                                                                                                                                                                                                                                               /organism='Unidentified'
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
9 c 5 g
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       MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M
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Pred. No.
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BD138111/c
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1 (bases 1 to 20)

TITLE
Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 37 26-MAR-2002;

VENT
OS Unidentified
PD 2002508944-A/37
PD 26-MAR-2002
PF 26-MAR-2002
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Antisense modulation of human MDM2
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Similarity 100.0%;
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            TGTGGCCCTGTGTGTCGGAA 53
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Antisense modulation of human
Location/Qualifiers
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C12N15/00
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Topology: Linear;
Antisense modulation of human
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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                                          Conservative
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                                                                                                                                                                                                                                                                          LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX
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                                                                                  /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
8 c 4 g
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8 c 5 g
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/mol_type="genomic DNA"
                                                   0.8%; Score 20;
100.0%; Pred. No.
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BD138113/c
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BD138112/c
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1 (bases 1 to 20)

TITLE Miradia, L.J., Wero, P., Graham, M.J., Monia, B.P.

TOURNAL Patent: JP 2002508944-A 39 26-MAR-2002;

YENT OS Unidentified
PD 2002508944-A/39
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PR 26-MAR-1999
PR 26-MAR-1999
PR 26-MAR-1999
PR 26-MAR-1999
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Matches 20; Conserv
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.l
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 38 26-MAR-2002;
ISIS PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           20 b BD138112 20 b Antisense modulation of human BD138112 BD138112.1 GI:23233057 JP 2002508944-A/38.
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                                                                                                                                                                                                                                                                                                                    GTGTGTCGGAAAGATGGAGC
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COWSERT
C12N15/09,
C12Q1/68,
                                                                                                                                                                                                                                                                                                                                                               0.8%;
ilarity 100.0%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Location/Qualifiers
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Antisense modulation of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//C12Q1/68,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Strandedness: Single,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COWSERT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unidentified
JP 2002508944-A/38
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26-MAR-1998 US 09/048810
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
9 c 2 g
            A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
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n MDM2 expression.
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                                              GRAHAM, BRETT
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                                              MONIA, LEX
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AUTHORS
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VERSION
KEYWORDS
SOURCE
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BD138114/c
RESULT 240
BD138115/c
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Best Local :
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Miraglia, L.J., Nero, D., Graham, M.J., Monia, B.P. an Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 40 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified
PN JP 2002508944-A/40
PD 26-MAR-2002
PF 26-MAR-1999 UP 2000538025
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
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Antisense modulation of l
BD138114
BD138114.1 GI:23233059
JP 2002508944-A/40.
unidentified
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                                          CAAGAAGCCGAGCCCGAGGG
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Topology: Linear;
Antisense modulation of
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
C12N15/00
                                                                                    Conservative
                                                                                                                                                                                                                           Topology: Linear;
Antisense modulation of
                                                                                                                                                                                                                                                Strandedness: Single;
                                                                                                                                                                                                                                                                                                           26-MAR-2002
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT
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                                                                                                                                  /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No.
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Pred. No.
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J. 3.1e+02;
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3.1e+02;
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LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
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AUTHORS
TITLE
JOURNAL
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BD138116/c
LOCUS
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AUTHORS
TITLE
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LUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P.

TITLE Antisense modulation of human MDM2 expression
JOURNAL JP 2002508944-A 42 26-MAR-2002;

MENT OS Unidentified
PN JP 2002508944-A/42
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2009
PR 26-MAR-2099
PR 26-MAR-1999
PR 26-MAR-1999
                                                                                                                       COMMENT
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1 (bases 1 to 20)

1 (bases 1 to 20)

TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 41 26-MAR-2002;

WENT OS Unidentified PN 26-MAR-2002
PP 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1999 --
PR 26-MAR-1999 --
PR 26-MAR-1999 --
PR 26-MAR-1999 --
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BD138115
BD138115.1 GI:23233060
JP 2002508944-A/41.
unidentified
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          COWSERT
C12N15/09,A61K48/00,A61P9/10,
C12Q1/68,
C12N15/00
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Topology: Linear;
Antisense modulation
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
C12N15/00
Strandedness: Single;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
10 c 8 g
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Pred. No.
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MDM2 expression.
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                                 A61P17/06,
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                                                                  GRAHAM,
                                                                                                                                                                   , B. P.
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                                 A61P35/00,C07H21/04//
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                                                                  BRETT
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                                                                  MONIA, LEX
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RESULT 243
BD138118/c
LOCUS
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AUTHORS
TITLE
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BD138117/c
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KEYWORDS
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ACCESSION
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Best Local S
Matches 20
                                                                                                                     Matches
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                                                                                                                                Local
                                                                                                                                                                                                                                                                                                                                                                     unclassified.

1 (bases I to 20)

1 (bases I to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 43 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified
PN JP 2002508944-A/43
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
                                                                                              105 GATCCTGCTGCTTTCGCAGC 124
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BD138118 20 bp DNA lin Antisense modulation of human MDM2 expression.
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Antisense modulation of human
BD138117
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JP 2002508944-A/43.
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Antisense modulation of human MDM2 expression
Location/Qualifiers
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Antisense modulation of human
Location/Qualifiers
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                                                                                                                                                                  /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
5 c 7 g
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Matches 20
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TITLE
JOURNAL
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                                                                                                           Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. an Antisense modulation of human MDM2 expression Patent JP 2002508944-A 45 26-MAR-2002; ISIS PHARMACEUTICALS INC OS Unidentified PN JP 2002508944-A/45 PD 26-MAR-2002 PD 26-MAR-1999 US 09/048810 PT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.|
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 44 26-MAR-2002;
                                                                                                                                                                                                                                                  unclassified.
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BD138118.1 GI:2323
JP 2002508944-A/44.
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                                          C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//C12Q1/68,
C12Q1/68,
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ilarity 100.0%;
Conservative
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Topology: Linear;
Antisense modulation of human MDM2 expression
                            Strandedness:
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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RESULT 246
BD138121/c
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BD138120/c
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BD138121 20 k
Antisense modulation of human
BD138121
BD138121.1 GI:23233066
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.F.
Antisense modulation of human MDM2 expression
Patent: JP 20025808944-A 46 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
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Antisense modulation of
Location/Qualifiers
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26-MAR-1998 US 09/048810
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon;32644"
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BD138122/c
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TITLE
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                                                                                                                            Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 48 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/48
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, I
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1 (bases 1 to 20)

1 (bases 1 to 20)

S Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 47 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified
PN JP 2002508944-A/47
PD 26-MAR-2002

PF 26-MAR-1999 JP 200538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BR
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            Topology: Linear;
Antisense modulation of human
Location/Qualifiers
                                                              COWSERT C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//C12Q1/68, C12Q1/68, C12N15/00
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Antisense modulation of human
Location/Qualifiers
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
C12N15/00
                                                  Strandedness:
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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SOURCE
ORGANISM
               RESULT 249
BD138124/c
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DEFINITION
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VERSION
KEYWORDS
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AUTHORS
TITLE
JOURNAL
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BD138123/c
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Miraglia,L., Nerc, P., Graham, M.J., Monia, B. E
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 49 26-MAR-2002;
ISIS PHARMACEUTICALS INC
            20 k
Antisense modulation of human
BD138124
BD138124.1 GI:23233069
JP 2002508944-A/50.
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JP 2002508944-A/49.
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Antisense modulation of human
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Antisense modulation of human
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26-MAR-1998 US    09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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pred. No. 3.10
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BD138125/c
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Best Local S
Matches 20
                                                                                                                                                                                                                                            AUTHORS
TITLE
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TITLE
JOURNAL
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                                                                                                                                           Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 51 26-MAR-2002; ISIS PHARMACEUTICALS INC OS Unidentified PN JP 2002508944-A/51 PD 26-MAR-2002 PF 26-MAR-1998 US 09/048810 PR 26-MAR-1998 US 09/048810 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRI
                                                                                                                                                                                                                                                                                                                                                                                                                                                      202
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BD138155
BD138155.1 GI:23233070
JP 2002508944-A/51.
                                                                                                                                                                                                                                                                    unclassified.
1 (bases 1 to 20)
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                                     Location/Qualifiers
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
C12N15/00
                                                 Topology: Linear;
Antisense modulation of
                                                                          Strandedness:
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Conservative (
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Antisense modulation of
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/organism='Unidentified'
Location/Qualifiers
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/mol_type="genomic DNA"
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3.1e+02;
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linear

PAT 18-SEP-2002

and Cowsert, L.M.

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MONIA, LEX

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unclassified.

E 1 (bases 1 to 20)

E 1 (bases 1 to 20)

Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P.

Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 50 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified
PN JP 2002508944-A/50
PN JP 2002508944-A/50
PD 26-MAR-2002

PF 26-MAR-1999 UP 200538025
PR 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, E
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT
                                                                                                                                                                                       /organism='Unidentified'
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RESULT 252
BD138127/c
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AUTHORS
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BD138126/c
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Antisense modulation of human
BD138127
BD138127 GI:23233072
JP 2002508944-A/53.
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Antisense modulation of
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                                                                                                     CTTCCGCAGTAGTCAGTCCC
                                                                                                                                                                                                                                          ocation/Qualifiers
                                                                                                                                                                                                                                                 Topology: Linear;
Antisense modulation of human
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26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism='Unidentified'
Location/Qualifiers
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BD138128/c
                                            FEATURES
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TITLE Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 53 26-MAR-2002;

MENT OS Unidentified PM JP 2002508944-A/53
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2009
PR 26-MAR-1999 TP
PR 26-MAR-1999
PI 1--
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Best Local
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BD138128
BD138128.1 GI:23233073
JP 2002508944-A/54.
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                                                                                                            ocation/Qualifiers
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C12Q1/68,
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llarity 100.0%;
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C12Q1/68,
                                                                                                                              Topology: Linear;
Antisense modulation of human
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Antisense modulation of
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              /organism='Unidentified'
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
/organism="unidentified"
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DEFINITION
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AUTHORS
TITLE
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AUTHORS
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BD138130/c
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ORGANISM
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ACCESSION
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BD138129/c
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(bases 1 to 20)

TITLE
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 55 26-MAR-2002;

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OS Unidentified
PN 20-MAR-2002
PF 26-MAR-1999 TT
PR 26-MAR-1999 TT
PI 17-
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Antisense modulation of BD138129
BD138129.1 GI:23233074
unclassified.
1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J.,
                               unidentified
                                                                                   BD138130
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Antisense modulation of human MDM2 expression
Location/Qualifiers
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/mol_type="genomic DNA"
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Location/Qualifiers
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   Monia, B.P. and Cowsert, L.M
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BD138131/c
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                                                                                                                                                                                                                  unclassified.

1 (bases I to 20)

1 (bases I to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 57 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified
PN JP 2002508944-A/57
PD 26-MAR-1998 JP 2000538025
PF 26-MAR-1998 US 09/048810
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
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Patent: JP 2002508944-A 56 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/56
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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Antisense modulation of human
BD138131
BD138131.1 GI:23233076
JP 2002508944-A/57.
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20; Conservative 0;
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                                                                                             Location/Qualifiers
                                                                                                        Strandedness: Single;
Topology: Linear;
Antisense modulation of
                                                                                                                                                               C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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                                                                                                                                                     C12N15/00
                                                                                                                                                                                                                       LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT
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Antisense modulation of
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                                                   /organism='Unidentified'
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unidentified'
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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REFERENCE
AUTHORS
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JOURNAL
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VERSION
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AUTHORS
TITLE
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ACCESSION
VERSION
KEYWORDS
SOURCE
                                                                                                          RESULT 258
BD138133/c
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BD138132/c
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1 (bases 1 to 20)

TITLE Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.

Patent: JP 2002508944-A 58 26-MAR-2002;

YENT OS Unidentified PN 151S PARMACEUTICALS INC

OS Unidentified PD 2002508944-A/58
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2092
PF 26-MAR-1999
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mes 20; Conserv
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Antisense modulation of h
BD138133
BD138133.1 GI:23233078
JP 2002508944-A/59.
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1 (bases 1 to 20)
Miraglia,L.J., Nero,P.,
Antisense modulation of
Patent: JP 2002508944-A
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Antisense modulation of
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,
C12Q1/68,
C12N15/00
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                                                                                                                                                                                                                    /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No.
Graham, M.J., Monia, B.P. human MDM2 expression 59 26-MAR-2002;
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                  Cowsert, L.M.
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ORGANISM
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BD138134/c
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Antisense modulation o
BD138134
BD138134.1 GI:2323307
JP 2002508944-A/60.
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Antisense modulation
Location/Qualifiers
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unclassified.

1 (bases 1 to 20)

S Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 60 26-MAR-2002;

ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/60
PN JP 2002508944-A/60
PN JP 2002508944-A/60
PN 26-MAR-1999 JP 2000538025
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, I
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Unidentified
JP 2002508944-A/59
26-MAR-2002
26-MAR-1999 JP 2000538025
26-MAR-1999 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
                                                                                                                                                                                     COWSERT C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//C12Q1/68,C12Q1/68,C12N15/00
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Topology: Linear;
Antisense modulation of
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
C12N15/00
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/db_xref="taxon:32644"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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DEFINITION
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SOURCE
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BD138136/c
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AUTHORS
TITLE
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BD138135/c
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Matches 20
                         JOURNAL
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 61 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/61
PD 26-MAR-2002
PP 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,
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Antisense modulation of P
BD138136
BD138136.1 GI:23233081
JP 2002508944-A/62.
unidentified
unclassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

Miraglia, L.J., Nero, P., Graham, M.J., Monia, B. I
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 62 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
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Conservative 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX
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llarity 100.0%; Pred. No.
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD138137/c
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C12Q1/68,
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26-MAR-2002
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
                                                                                                                Antisense modulation of
                                                                                                                                  Strandedness: Single;
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Antisense modulation of human MDM2 expression
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 65 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/65
PD 26-MAR-2002
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Antisense modulation of
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 64 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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Antisense modulation of
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26-MAR-1998 US 09/048810
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 66 26-MAR-2002;

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BD138140.1 GI:23233
JP 2002508944-A/66.
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX
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Antisense modulation of
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Antisense modulation of human
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                                                                                                       /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
4 c 5 g
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                        Score 20;
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                        3.1e+02;
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REFERENCE
AUTHORS
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VERSION
KEYWORDS
SOURCE
ORGANISM
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BD138142/c
LOCUS
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AUTHORS
TITLE
JOURNAL
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ORGANISM
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BD138141/c
LOCUS
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                                                  COMMENT
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Best Local Similarity
Matches 20; Conserv
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unclassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 68 26-MAR-2002;

ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/68
PN JP 2002508944-A/68
PD 26-MAR-2002
PP 26-MAR-1998 US 09/048810
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Antisense modulation of h
BD138142
BD138142.1 GI:23233087
JP 2002508944-A/68.
unidentified
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1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P., Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 67 26-MAR-2002; ISIS PHARMACEUTICALS INC

CS Unidentified
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JP 2002508944-A/67.
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Antisense modulation of human
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ilarity 100.0%;
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Antisense modulation of human
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26-MAR-1998 US 09/048810
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26-MAR-2002
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Location/Qualifiers
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4 c 5 g
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/mol_type="genomic DNA"
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AUTHORS
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JOURNAL
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ACCESSION
VERSION
KEYWORDS
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BD138143/c
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Matches 20
                                                Query Match
Best Local (
                                     Matches
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1 (bases 1 to 20)

1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.

Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 69 26-MAR-2002;

SUnidentified

PN JP 2002508944-A/69

PN JP 2002508944-A/69

PD 26-MAR-2002

PF 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
309 CAAATGTGCAATACCAACAT
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JP 2002508944-A/69.
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Topology: Linear;
Antisense modulation of human MDM2 expression
Location/Qualifiers
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Antisense modulation of
Location/Qualifiers
                                   0.8%; Silarity 100.0%; Conservative 0;
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Conservative (
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C12Q1/68,
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                                                                                  /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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Pred. No. 3.1
0; Mismatches
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3.1e+02;
hes 0;
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BD138144/c
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ACCESSION
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BD138145/c
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WENT OS Unidentified PA 2002508944-A 70 26-MAR-2002;

Pa 26-MAR-2002
PR 26-MAR-1999 TEACH TO THE PARAMACEUTICALS INC

PA 26-MAR-1999 TEACH TO THE PARAMACEUT
Best
                                                                                                                                                                                                                                                         ORGANISM
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Antisense modulation of
BD138145
BD138145.1 GI:23233090
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Antisense modulation of
BD138144
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      Unidentified

JF 2002508944-A/71

JF ANAR-1902

26-MAR-2002

26-MAR-1999 JP 2000538025

26-MAR-1998 US 09/048810

LOREN J MIRAGLIA, PAMBLA NERO, MARK J GRAHAM, BRETT
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Antisense modulation of human
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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100.0%; Pr
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RESULT 271
BD138146/c
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Topology: Linear;
Antisense modulation of human
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
C12N15/00
                                0.8%;
larity 100.0%;
Conservative
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Antisense modulation
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD138148/c
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BD138147/c
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                                        unclassified.

E 1 (bases 1 to 20)

E 1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 74 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified
PN JP 2002508944-A/74
PD 26-MAR-2002
PF 26-MAR-2998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM RDF.
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Miraglla,L.J., Nero,P., Graham,M.J., Monia,B.E
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 73 26-MAR-2002;
ISIS PHARMACEUTICALS INC
                                                                                                                                                                                                                                       Antisense modulation of human BD138148 BD1381481 GI:23233093 JP 2002508944-A/74.
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                               26-MAR-2002
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Strandedness: Single;
Topology: Linear;
Antisense modulation of human MDM2
Location/Qualifiers
COWSERT C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
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/db_xref="taxon:32644"
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                                           GRAHAM, BRETT P MONIA, LEX
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BD138149/c
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 75 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/75
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,
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BD138149.1 GI:2323
JP 2002508944-A/75.
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Antisense modulation of human
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                                                               Similarity
                       CAACATGTCTGTACCTACTG 342
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         CAACATGTCTGTACCTACTG
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                                                  (larity 100.0%;
Conservative (
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C12N15/00
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
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Antisense modulation of human
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Antisense modulation of human
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                                                                                                                                                /organism='Unidentified'
Location/Qualifiers
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                                                                                              /mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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RESULT 275

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JOURNAL
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BD138151/c
LOCUS
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ACCESSION
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                                                       unclassified.

1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 77 26-MAR-2002;

ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/77
PD 26-MAR-1999 JP 2000538025
PF 26-MAR-1999 UP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    unclassified.

1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Moni.
Miraglia,L.J., Nero,P., Graham,M.J., Moni.
Antisense modulation of human MDM2 express
Patent: JP 2002508944-A 76 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/76
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J C
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Antisense modulation of human
Location/Qualifiers
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        C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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1 (bases 1 to 20)

1 (bases 1 to 20)

TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 78 26-MAR-2002;

MENT OS Unidentified PL 2002508944-A/78
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1999
PR 26-MAR-1999
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Topology: Linear;
Antisense modulation of human
Location/Qualifiers
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Antisense modulation of human
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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/mol_type="genomic_DNA"
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BD138154/c
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                                                                                                                                                                                                                                                                                                          1 (bases 1 to 20)
Miraglia, L.J., Nerc, P., Graham, M.J., Monia, B.1
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 80 26-MAR-2002;
ISIS PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BD138154.1 GI:23233099
JP 2002508944-A/80.
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C12Q1/68,
                    Strandedness: Single;
                                                                                                                                                              26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
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Antisense modulation of human
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26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
Topology: Linear;
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/db_xref="taxon;32644"
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RESULT 281
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PN JP 2002508944-A/81 PD 26-MAR-1999 JP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM. RRF
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26-MAR-1999 JP 2000538025
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LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M
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TITLE Antisense modulation of human MDM2 expression Patent: UP 2002508944-A 83 26-MAR-2002;

VENT OS Unidentified PD 2002508944-A/83

PD 26-MAR-2002

PF 26-MAR-2002

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PR 26-MAR-2002

PR 26-MAR-1999 TO PR 26-MAR-1999

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PI 10
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Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 82 26-MAR-2002;

ISIS PHARMACEUTICALS INC

Unidentified
PN JP 2002508944-A/82
PD 26-MAR-2002
PP 26-MAR-1999 UP 2000538025
PP 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRE
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Topology: Linear;
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                                                                  Strandedness: Single;
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 84 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/84
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, I
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BD138158.1 GI:2323310
JP 2002508944-A/84.
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Antisense modulation of BD138159 BD138159.1 GI:23233104 JP 2002508944-A/85.
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Antisense modulation of human
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
4 c 2 g
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
5 c 3 g
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BD138160/c
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                                                                                                           Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 86 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/86
PD 26-MAR-2002
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO,MARK J GRAHAM,
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 85 26-MAR-2002;
1518 PHARMACEUTICALS INC
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JP 2002508944-A/86.
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                   Topology: Linear;
Antisense modulation of
Location/Qualifiers
                                                                      COWSERT
C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,
C12Q1/68,
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26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT
                                                  Strandedness: Single;
                                                              C12N15/00
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Antisense modulation of human MDM2
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism='Unidentified'.
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                RESULT 287
BD138162/c
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AUTHORS
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BD138161/c
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BD138162 20 bp
Antisense modulation of human M
BD138162
BD138162 GI:23233107
JP 2002509944-A/88.
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Antisense modulation of human MDM2 expression
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No.
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AUTHORS
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ORGANISM
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BD138163/c
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1 (bases 1 to 20)

TITLE
Antisense modulation of human MDM2 expression
JOURNAL
ISIS PHARMACEUTICALS INC
Unidentified
PD 2002508944-A 89 26-MAR-2002;

YENT OS Unidentified
PD 2002508944-A/89
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1999 T
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Miraglia,L.J., Nero, Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 88 26-MAR-2002;

ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/88
PD 26-MAR-1999 JP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
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Antisense modulation of
BD138163
BD138163.1 GI:23233108
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                                                                 Strandedness: Single;
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Antisense modulation
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                                              Antisense modulation of
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                                                        Topology: Linear,
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/organism='Unidentified'
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD138165/c
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Antisense modulation o
B0138165
BD138165 1 GI:2323311
JP 2002508944-A/91.
unidentified
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C12Q1/68,
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                                                                                                                                                                                                                                                               Topology: Linear;
Antisense modulation of human
                                                                                                                                                                                                                                                                                   Strandedness:
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                                                                                                                                                                           /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
a 2 c 3 g
                                                                                                                                                                                                                        /organism='Unidentified'
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
4 c 3 g
                     GI:23233110
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BD138166/c
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Best Local Similarity
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Miraglia,L.J., Nerc, P., Graham,M.J., Monia,B.i
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 92 26-MAR-2002;
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 91 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
N JP 2002508944-A/91
PD 2002508944-A/91
PD 2002508944-A/91
PD 26-MAR-2002
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LE.
                                                                          unidentified
                                                                                                                                                                                                                                                                                                                     JP 2002508944-A/92
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BD138166.1 GI:23233111
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C12N15/00
                                                                 Location/Qualifiers
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                                                                                                                                                                                                                               PHARMACEUTICALS INC
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                                                                                                                                                            26-MAR-2002
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
                                                                                                                                                                                                        Unidentified 
JP 2002508944-A/92
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Antisense modulation of human
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Antisense modulation of human
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Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
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BD138168/c
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TITLE Antisense modulation of human MDM2 expression
JOURNAL PAREMENT JP 2002508944-A 93 26-MAR-2002;

WENT OS Unidentified PL 2002508944-A 93 26-MAR-2002;

PE 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1999 TPR 26-MAR-1999
PR 26-MAR-1999
                                                                  BD138168
Antisense modulation of l
BD138168
BD138168.1 GI:23233113
JP 2002508944-A/94
1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
                                 unclassified
                                             unidentified unidentified
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Antisense modulation
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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n MDM2 expression.
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TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 95 26-MAR-2002;

TISIS PHARMACEUTICALS INC

OS Unidentified PN JP 2002508944-A/95
PD 26-MAR-2002
PF 26-MAR-2002
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PF 26-MAR-2002
PI 1--MAR-1
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Best Local
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Antisense modulation of human
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                                                                               Antisense modulation of Location/Qualifiers
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M
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                                                                                                   Topology: Linear;
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                                       /organism='Unidentified'
Location/Qualifiers
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/db_xref="taxon:32644"
          <u>B</u>
                             organism="unidentified"
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       ref="taxon:32644"
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BD138171/c
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BD138170/c
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1 (bases 1 to 20)
1 (bases 1, vero,P., Graham,M.J., Monia,b...
Miraglia,L.J., Nero,P., Graham,MDM2 expression
Antisense modulation of human MDM2 expression
Parent: JP 2002508944-A 97 26-MAR-2002;
Parent: JP 2002508941-A 100
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Antisense modulation of human
BD138171
BD138171.1 GI:23233116
JP 2002508944-A/97.
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JP 2002508944-A/96.
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Antisense modulation of human
Location/Qualifiers
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JP 2002508944-A/96
26-MAR-2002
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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3.1e+02;
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BD138172/c
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Antisense modulation of human MDM2
Location/Qualifiers
                                                                                ocation/Qualifiers
                                                                                                        Strandedness: Single;
                                                                                        Topology: Linear;
Antisense modulation of
                                                                                                                  C12N15/00
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Up 2002508944-A/97

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26-MAR-1999 UP 2000538025

26-MAR-1998 US 09/048810
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                                 /organism="unidentified"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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/db_xref="taxon:32644"
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BD138174/c
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BD138173/c
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ICE 1 (bases 1 to 20)

RS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 100 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2007-
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 99 26-MAR-2002;

Unidentified
PM JP 2002508944-A/99
PD 26-MAR-2002
PP 26-MAR-1999 JP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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Antisense modulation of human
BD138174
BD138174.1 GI:23233119
JP 2002508944-A/100.
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Antisense modulation of human
Location/Qualifiers
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26-MAR-2902
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO,
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/mol_type="genomic DNA"
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 101 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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C12Q1/68,
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26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
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Antisense modulation of
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO
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/organism='Unidentified'
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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ACCESSION
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 102 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/102
PD 26-MAR-2002
PD 26-MAR-2002
PD 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO,MARK J GRAHAM,
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Antisense modulation
BD138176
BD138176.1 GI:232331
JP 2002508944-A/102.
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Antisense modulation of human
BD138177
BD138177.1 GI:23233122
BD138177.1 GI:23233122
Unidentification
                                       1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.I
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 103 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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Antisense modulation of human
Location/Qualifiers
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JP 2002508944-A/103
26-MAR-2002
                                                                                                                                                                                                                                                                                                                                                           Conservative
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                             Unidentified
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Location/Qualifiers
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/db_xref="taxon:32644"
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modulation of human
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3.1e+02;
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BD138178/c
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ACCESSION
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                                                                    BASE COUNT
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Best Local Similarity
Matches 20; Conserv
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656 ATCGGACTCAGGTACATCTG 675
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 104 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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JP 2002508944-A/104.
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Antisense modulation of
BD138178
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                                 Similarity
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Antisense modulation of
Location/Qualifiers
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C12Q1/68,
                                                                                                                                                                       Topology: Linear;
Antisense modulation of human
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26-MAR-2002
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
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LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M
                                                                                                                                                  source
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD138180/c
LOCUS
DEFINITION
ACCESSION
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VERSION
KEYWORDS
SOURCE
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BD138179/c
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Best Local Similarity
Matches 20; Conserv
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unclassified.

E 1 (bases 1 to 20)

S Miraglia,L.J., Nerc, P., Graham, M.J., Monia, B.P., Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 106 26-MAR-2002;

ISIS PHARMACEUTICALS INC.

OS Unidentified
PN JP 2002508944-A/106
PN JP 2002508944-A/106
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, E
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 105 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/105
PD 26-MAR-2002
PF 26-MAR-299 JP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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Antisense modulation of human
BD138180
BD138180.1 GI:23233125
JP 2002508944-A/106.
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BD138179.1 GI:23233
JP 2002508944-A/105.
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Antisense modulation
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1 (bases 1 to 20)
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C12N15/00
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Antisense modulation of
Location/Qualifiers
 Unidentified

JP 2002508944-A/106

26-MAR-2909

26-MAR-1999 JP 2000538025

26-MAR-1998 US 09/048810

LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX
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Conservative (
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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BD138181/c
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                                                      Local
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1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,
Antisense modulation of human MDM2 expressi
Patent: JP 2002508944-A 107 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/107
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GR
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Antisense modulation of human
BD138181
BD138181.1 GI:23233126
JP 2002508944-A/107.
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20; Conservative 0;
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GTCACCTTGAAGGTGGGAGT
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Antisense modulation of
Location/Qualifiers
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Antisense modulation of
Location/Qualifiers
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
C12N15/00
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Location/Qualifiers
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/db_xref="taxon:32644"
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BD138183/c
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1 (bases 1 to 20)

1 (bases 1 to 20)

TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 109 26-MAR-2002;

VENT OS Unidentified PL 151S PARMACEUTICALS INC

VENT OS UNIDENTIFIED PER 26-MAR-2002

PF 26-MAR-2002

PF 26-MAR-1999

PR 26-MAR-1999
                                                                                                                                                                                      KEYWORDS
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1 (bases 1 to 20)

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TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 108 26-MAR-2002;

VENT OS Unidentified PN 26-MAR-2002
PP 26-MAR-2002
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2002508944-A/109

36-MAR-2002

26-MAR-1999 JP 2000538025

26-MAR-1998 US 09/048810

LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M
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Antisense modulation of human
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BD138184/c
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Miraglia, L.J., Nero, D., Graham, M.J., Monia, B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 110 26-MAR-2002;

ISIS PHARMACEUTICALS INC
OS Unidentified PN JP 2002508944-A/110
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
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JP 2002508944-A/110.
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Topology: Linear;
Antisense modulation of
Location/Qualifiers
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Antisense modulation of human
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                                                                          TITLE Antisense modulation of human MDM2 expression
JOURNAL PARENT UP 2002508944-A 112 26-MAR-2002;
WENT OS Unidentified PD 20-MAR-2002
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PR 26-MAR-1999
PR 26
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1 (bases 1 to 20)

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TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 111 26-MAR-2002;

VENT OS Unidentified PN JP 2002508944-A/111

PD 26-MAR-2002

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JP 2002508944-A/111.
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COWSERT C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//C12Q1/68,
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RESULT 312
BD138187/c
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RESULT 313
BD138188/c
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 113 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/113
PD 2002508944-A/113
PD 26-MAR-1999 UP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
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JP 2002508944-A/113.
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Topology: Linear;
Antisense modulation of human
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Antisense modulation of
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AUTHORS
TITLE
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AUTHORS
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BD138189/c
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1 (bass 1 to 20)

1 (bass 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.

TITLE
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 115 26-MAR-2002;

MENT OS Unidentified
PN JP 2002508944-A/115
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2099
PR 26-MAR-1999
PR 26-MAR-1999
PR 26-MAR-1999
PR 26-MAR-1999
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1 (bases 1 to 20)
1 TITLE Antisense modulation of human MDM2 expression JOURNAL PARAMACEUTICALS INC

YENT OS Unidentified
PD 2002508944-A/114
PD 2002508944-A/114
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PR 26-MAR-1999
PR 26-MAR-1999
                                                                                                                                                   TITLE
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C12Q1/68,
C12N15/00
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Topology: Linear;
Antisense modulation
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C12Q1/68,
Strandedness: Single;
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
2 c 7 g
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                                   A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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BD138191/c
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AUTHORS
TITLE
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                                                                                                                                                                                                                                                                                                                                                                                           unclassified.

1 (bases | to 20)

1 (bases | to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 116 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified
PN JP 2002508944-A/116
PN JP 2002508944-A/116
PD 26-MAR-1999 JP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BR
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BD138191 20 bp DNA lin Antisense modulation of human MDM2 expression.
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                                                                                                                                       Similarity
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Antisense modulation of human
Location/Qualifiers
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C12N15/00
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                                                                                                                                                                                    /organism="unidentified"
/mol_type="genomic DNA"
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                                                                                                                                                                                                                                        /organism='Unidentified'.
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Location/Qualifiers
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/db_xref="taxon:32644"
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3.1e+02;
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3.1e+02;
hes 0;
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KEYWORDS
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BD138192/c
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DEFINITION
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1 (bases 1 to 20)

AUTHORS Miragila,L.J., Nero,P., Graham,M.J., Monia,B.P.

TITLE Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 117 26-MAR-2002;

VENT OS Unidentified
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1999
PR 26-MAR-1999
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Best Local S
Matches 20
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TITLE
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                                                                                                 unclassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

3 Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 118 26-MAR-2002;

ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/118
PD 26-MAR-2002
PF 26-MAR-1998 US 09/048810
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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Antisense modulation of human
BD138192
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JP 2002508944-A/118.
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Strandedness: Single;
Topology: Linear;
Antisense modulation
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ilarity 100.0%;
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
5 c 2 g 1:
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Pred. No.
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 of human MDM2 expression
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п мом2
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BD138194/c
LOCUS
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BD138193/c
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                                                                                                                                                                                                                                                                                                                                                                 unclassified.

1 (bases 1 to 20)

Niraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 119 26-MAR-2002;

ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/119
PD 26-MAR-1999 JP 2000538025
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
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Antisense modulation of human
BD138194
BD138194.1 GI:23233139
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Antisense modulation
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
4 C 3 g
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/db_xref="taxon:32644"
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100.0%; Pr
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KEYWORDS
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BD138195/c
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BD138195.1 GI:23233140
JP 2002508944-A/121.
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1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.F.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944 A 120 26-MAR-2002;
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Topology: Linear;
Antisense modulation of
Location/Qualifiers
                                      COWSERT
C12N15/09,A61K48/00,A61P9/10,
C12Q1/68,
C12N15/00
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Antisense modulation of
Location/Qualifiers
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
C12N15/00
                            Strandedness:
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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BD138196/c
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          RESULT 322
BD138197/c
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Best Local Similarity
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Miraglia,L., Nerc, P., Graham, M.J., Monia, B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 122 26-MAR-2002;
ISIS PHARMACEUTICALS INC
        20 k
Antisense modulation of human
BD138197
BD138197.1 GI:23233142
JP 2002508944-A/123.
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Antisense modulation of human MDM2
Location/Qualifiers
                                                                                                                                            Conservative
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C12N15/00
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX
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/mol_type="genomic DNA"
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/db_xref="taxon:32644"
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SOURCE
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BD138198/c
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1 (bases 1 to 20)

1 (bases 1 to 20)

TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 124 26-MAR-2002;

VENT OS Unidentified PD 2002508944-A/124

PD 26-MAR-2002

PF 26-MAR-2002

PF 26-MAR-1999

PR 26-MAR-1999

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PR 26-MAR-1999

PR 26-MAR-1999
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Best Local S
Matches 20
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1 (bases I to 20)

1 (bases I to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 123 26-MAR-2002;

ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/123
PD 26-MAR-1999 JP 2000538025
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
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Antisense modulation c
BD138198
BD138198.1 GI:2323314
JP 2002508944-A/124.
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C12N15/00
                                          ocation/Qualifiers
                                                         Topology: Linear;
Antigense modulation of
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                                                                                  Strandedness: Single;
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Antisense modulation of human
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/organism='Unidentified'
Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic DNA"
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KEYWORDS
SOURCE
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BD138199/c
LOCUS
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BD138200/c
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ACCESSION
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1 (bases 1 to 20)

TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 125 26-MAR-2002;

TISIS PHARMACEUTICALS INC

Unidentified PM JP 2002508944-A/125
PD J6-MAR-2002
PF 26-MAR-2002
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Matches
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BD138200 20 bp
Antisense modulation of human M
BD138200 BD138200.1 GI:23233145
JP 2002508944-A/126.
unidentified
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Antisense modulation of human
BD138199
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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/db_xref="taxon:32644"
6 c 4 g
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/db_xref="taxon:32644"
7 c 2 g
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BD138201/c
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1 (bases 1 to 20)

TITLE
Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 127 26-MAR-2002;

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Unidentified
PD 2002508944-A/127
PD 26-MAR-2002
PF 26-MAR-2002
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 126 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/126
PN JP 2002508944-A/126
PD 26-MAR-2002
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,
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BD138201.1 GI:23233146
JP 2002508944-A/127.
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20; Conserv
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C12N15/00
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Topology: Linear;
Antisense modulation of human
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Topology: Linear;
Antisense modulation of human
Location/Qualifiers
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
C12N15/00
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C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
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Location/Qualifiers
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/db_xref="taxon:32644"
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/organism="unidentified"
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RESULT 328
BD138203/c
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Antisense modulation of human M
BD138203
BD138203.1 GI:23233148
JP 2002508944-A/129.
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.I
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 128 26-MAR-2002;
ISIS PHARMACEUTICALS INC
unclassified.
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Miraglia,L.J., Nero,P.,
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C12Q1/68,
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Antisense modulation of human
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26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
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                                                                                                                                                                                                               /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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100.0%; Pred. No. .
-ive 0; Mismatches
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Graham, M.J.,
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BD138204/c
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Query Match
Best Local Similarity
Matches 20; Conserv
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 130 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN 19 2002508944-A/130
PD 26-MAR-2002
PF 26-MAR-2999 JP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
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Patent: JP 2002508944-A 129 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/129
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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BD138204.1 GI:23233
JP 2002508944-A/130.
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Antisense modulation of human
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ilarity 100.0%;
Conservative (
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Antisense modulation of
Location/Qualifiers
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C12Q1/68,
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Antisense modulation of human
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M
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                                                               /organism='Unidentified'
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                                                                                   DEFINITION
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JOURNAL DA 2002508944-A 131 26-MAR-2002;
VENT OS Unidentified PD 2002508944-A/131
PD 26-MAR-2002
PF 26-MAR-2002
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Matches 20; Conserv
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unclassified.

1 (bases 1 to 20)

Miragila,L.J., Nero,P., G
Antisense modulation of h
Patent: JP 2002508944-A 1
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Antisense modulation of
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/mol_type="genomic_DNA"
/db_xref="taxon:32644"
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Graham, M.J., Monia, B.P. human MDM2 expression 132 26-MAR-2002;
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                        and Cowsert, L.M.
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BD138207/c
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Matches 20
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                                                                                                                                                                                                             unclassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Mc Antisense modulation of human MDM2 expx Patent: JP 2002508944-A 133 26-MAR-2002 ISIS PHARMACEUTICALS INC OS Unidentified PN JP 2002508944-A/133 PD 26-MAR-2002 PF 26-MAR-1999 JP 2000538025 PR 26-MAR-1998 US 09/048810 PI LOREN J MIRAGLIA, PAMELA NERO, MARK
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Antisense modulation of human M
BD138207
BD138207.1 GI:23233152
JP 2002508944-A/133.
unidentified
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Unidentified
JP 2002508944-A/132
26-MAR-2002
                                                                                                     Topology: Linear;
Antisense modulation of human
Location/Qualifiers
                                                                                                                                                    C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//C12Q1/68,
C12Q1/68,
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
                                                                                                                                         Strandedness: Single;
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Antisense modulation of human
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26-MAR-1998 US 09/048810
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6 c 2 g
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BRETT

P MONIA, LEX

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Кеу

and Cowsert, L.M.

PAT 18-SEP-2002

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BD138209/c
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BD138208/c
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(bases 1 to 20)

TITLE

Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 134 26-MAR-2002;

TENT

OS Unidentified

PD 2002508944-A/134

PD 26-MAR-2002

PF 26-MAR-2002

PF 26-MAR-2002

PR 26-MAR-1999

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unclassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.E Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 135 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified
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BD138209.1 GI:23233154
JP 2002508944-A/135.
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Antisense modulation of human
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Antisense modulation of
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX
                                                                                                                                                                                                                                                                                                                                                                                                                                            Strandedness: Single;
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/mol_type="genomic DNA"
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BD138210/c
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Antisense modulation of human MDM2 expression.
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B0138210.1 GT:23233155
JP 2002508944-A/136.
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                                                                                                    Location/Qualifiers
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Topology: Linear;
Antisense modulation of
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C12Q1/68,
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Conservative 0;
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26-MAR-2002
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
                                                                                                                                                                                        LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT
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Antisense modulation of human
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0.8%; Score 20;
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BD138211/c
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unclassified.

1 (bases 1 to 20)

S Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
L Patent: JP 2002508944-A 138 26-MAR-2002;
ISIS PHARMACEUTICALS INC
Unidentified
ON JP 2002508944-A/138
PD 26-MAR-2002
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 137 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/137
PD 26-MAR-1999 JP 2000538025
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
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Antisense modulation of h
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BD138212.1 GI:23233157
JP 2002508944-A/138.
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Antisense modulation of human
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BD138211.1 GI:23233156
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Antisense modulation of
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
5 c 2 g
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BD138213/c
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1 (bases 1 to 20)

1 (bases 1 to 20)

TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 139 26-MAR-2002;

VENT OS Unidentified PN 2002508944-A/139
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2909
PR 26-MAR-1999
PR 26-MAR-1999
 Similarity
20; Conserv
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C12N15/00
                                                                                                                                                         ocation/Qualifiers
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Topology: Linear;
Antisense modulation of human
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C12Q1/68,
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Topology: Linear;
Antisense modulation of human
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT
  Conservative
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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                                                           /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
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DEFINITION
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AUTHORS
TITLE
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BD138215/c
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BD138214/c
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1 (bases 1 to 20)

TITLE
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 140 26-MAR-2002;

WENT OS Unidentified
PD 2002508944-A/140
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PR 26-MAR-1999
PI 16-MAR-1999
PI 16
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Matches 20; Conserv
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unidentified
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1 (bases 1 to 20)
3 1 (bases 1 to 20)
5 Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and
Antisense modulation of human MDM2 expression
L Patent: JP 2002508944-A 141 26-MAR-2002;
USIS PHARWACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/141
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PF 26-MAR-1999 US 09/048810
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BD138215
BD138215.1 GI:23233160
JD 2002508944-A/141.
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llarity 100.0%;
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT
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Antisense modulation of human
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/mol_type="genomic DNA"
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TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 142 26-MAR-2002;
MENT OS Unidentified
PD 20-MAR-2002
PD 26-MAR-2002
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2009
PF 26-MAR-1999 T-
PR 26-MAP 1
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1077 TCAGAAGATTATAGCCTTAG
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BD138216
BD138216.1 GI:23233161
JP 2002508944-A/142.
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                                             Similarity
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                                 0.8%;
larity 100.0%;
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C12Q1/68,
                                                                                                                                                                                 Topology: Linear;
Antisense modulation of human
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Antisense modulation of human
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                                                                                                                                    /organism='Unidentified'
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Location/Qualifiers
                                                                             /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
3 c 5 g
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Pred. No.
                                  Mismatches
                                             DB 1; I
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BD138217/c
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BD138218/c
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Jassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

TITLE
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 144 26-MAR-2002;

YENT
OS Unidentified
PN JP 2002508944-A 144 26-MAR-2002;
PP 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PR 26-MAR-1999
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1 (bases 1 to 20)

TITLE
Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 143 26-MAR-2002;

WENT OS Unidentified
PN JP 2002508944-A/143
PD 2002508944-A/143
PD 2002508944-A/143
PD 2002508944-A/143
PD 2002508944-A/143
PD 26-MAR-2002
PF 26-MAR-1994
PR 26-MAR-1994
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Antisense modulation of h
BD138218
BD138218.1 GI:23233163
JP 2002508944-A/144.
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Antisense modulation of human
Location/Qualifiers
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/mol_type="genomic DNA"
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KEYWORDS
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BD138219/c
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DEFINITION
ACCESSION
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1100 AGAAGGACAAGAACTCTCAG
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Antisense modulation of human M
BD138219
BD138219
BD138219.1 GI:23233164
JP 2002508944-A/145.
unidentified
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larity 100.0%;
Conservative
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Antisense modulation of
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Topology: Linear;
Antisense modulation of human
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C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
C12Q1/68,
C12N15/00
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                                                                                                                                                       /organism="unidentified"
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/db_xref="taxon:32644"
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Location/Qualifiers
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/db_xref="taxon:32644"
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Location/Qualifiers
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BD138221/c
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BD138220/c
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Miraglia, L. J., Nero, P., Graham, M.J., Monia, B.P.

Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 147 26-MAR-2002;

ISIS PHARMACEUTICALS INC

SUNIDENTIFIED

PN JP 2002508944-A/147

PD 20-MAR-1999 JP 2000538025

PF 26-MAR-1999 UP 2000538025

PR 26-MAR-1998 US 09/048810

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Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.I
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 146 26-MAR-2002;
                                                                                                                                                                                            unidentified
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JP 2002508944-A/146.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Topology: Linear;
Antisense modulation of
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMETA NEEV
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C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
              COWSERT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               source
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                                                                                                                                                                                                                         human
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                                                                                                                                                                                                                                                                                                                                                                                                  DB 1; L; L; 3.1e+02;
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                                                                                                                                                                                                                                                         expression.
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                                                                                                                                                    Monia, B.P. and Cowsert, L.M
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                                                                                                                                                                                                                                                                                                                                                                                                              Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      expression
                                      GRAHAM, BRETT
                                                                                                                                                                                                                                                                                                                                                                                      Indels
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                                     MONIA, LEX
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VERSION
KEYWORDS
SOURCE
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BD138222/c
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DEFINITION
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1 (bases 1 to 20)

1 (bases 1 to 20)

TITLE

Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 148 26-MAR-2002;

VENT

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Unidentified

PD 20-MAR-2002

PF 26-MAR-2002

PF 26-MAR-2002

PR 26-MAR-1999

PR 26-MAR-1999

PR 26-MAR-1999
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Antisense modulation of human
BD138222 BD138222.1 GI:23233167
JP 2002508944-A/148.
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            AGATGATGAGGTATATCAAG 1143
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                                                                                                                                                                        Antisense modulation of human Location/Qualifiers
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Antisense modulation
Location/Qualifiers
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C12N15/00
                                       0.8%; Sco.larity 100.0%; Pi
Conservative 0;
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C12Q1/68,
                                                                                                                                                                                                                                                                    26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative (
                                                                                                                                                               source
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                                                                                                                                                                                             Topology: Linear;
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Location/Qualifiers
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/organism='Unidentified'
Location/Qualifiers
                                                                                  /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
6 C 1 g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                         3.1e+02;
hes 0;
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                                                               DB 1;
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                                                                                                                                                                                   expression
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RESULT 348

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REFERENCE
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SOURCE
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ACCESSION
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BD138224/c
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Best Local S
Matches 20
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TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 149 26-MAR-2002;

TISIS PHARMACEUTICALS INC

Unidentified PN JP 2002508944-A/149
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2009
PR 26-MAR-1999 ---
PR 26-MAR-1999 ----
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JOURNAL
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                                                                                                                   unclassified.

1 (bases I to 20)

1 (bases I to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 150 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified
PN JP 2002508944-A/150
PN JP 2002508944-A/150
PD 26-MAR-1999 UP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BR
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Antisense modulation of
BD138224
BD138224.1 GT:23233169
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20; Conserv
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1888333
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//C12Q1/68,
C12Q1/68,
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                                                                            COWSERT
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Location/Qualifiers
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/db_xref="taxon:32644"
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hes 0;
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REFERENCE
AUTHORS
TITLE
JOURNAL
          RESULT 351
BD138226/c
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BD138225/c
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.I.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 151 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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JP 2002508944-A/151.
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                                                      GGGGAGAGTGATACAGATTC
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Topology: Linear;
Antisense modulation of human
Location/Qualifiers
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C12Q1/68,
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76-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX
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JP 2002508944-A/151
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Antisense modulation of human
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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1 (bases 1 to 20)

TITLE Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.

TOURNAL Patent: JP 2002508944-A 153 26-MAR-2002;

VENT OS Unidentified PN JP 2002508944-A/153
PD 26-MAR-2002
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1 (bases 1 to 20)

TITLE
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 152 26-MAR-2002;

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PD 2002508944-A/152
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1999
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PR 26-MAR-1999
PR 26-MAR-1999
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Best Local Similarity
Matches 20; Conserv
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Strandedness: Single;
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Antisense modulation of
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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RESULT 354
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BD138228/c
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BD138228.1 GI:23233173
JP 2002508944-A/154.
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Antisense modulation of human
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/db_xref="taxon:32644"
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BD138230/c
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 156 26-MAR-2002;

ISIS PHARMACEUTICALS INC
SUnidentified
PN JP 2002508944-A/156
PD 26-MAR-2002
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRI
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 155 26-MAR-2002;
ISIS PHARMACEUTICALS INC
                          BD138230.1 GI:23233175
JP 2002508944-A/156.
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JP 2002508944-A/155.
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Antisense modulation of
Location/Qualifiers
Topology: Linear;
Antisense modulation
Location/Qualifiers
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                                                                 Strandedness: Single;
                                                                                       C12N15/00
                                                                                                         C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//C12Q1/68,
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/mol_type="genomic DNA"
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LUTHORS Miragila,L.J., Nero,P., Graham,M.J., Monia,B.P.
TITLE Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 157 26-MAR-2002;
WENT OS Unidentified
PD 2002508944-A/157
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
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 2002508944-A/158
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Topology: Linear;
Antisense modulation of human
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26-MAR-1998 US 09/048810
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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1 (bases 1 to 20)

TITLE Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.

Patent: JP 2002508944-A 159 26-MAR-2002;

YENT OS Unidentified
PN 20-MAR-2002
PP 26-MAR-2002
PP 26-MAR-2002
PP 26-MAR-2999
PR 26-MAR-1999
PD 16-MAR-1999
PR 26-MAR-1999
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TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 158 26-MAR-2002;

VENT OS Unidentified PN 2002508944-A/158
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1999 TO PR 26-
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C12N15/09,A61K48/00,A61P9/10,
C12Q1/68,
C12N15/00
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                                                                                       Strandedness: Single;
Topology: Linear;
Antisense modulation of human
                                                                                                                                                                                                                                                                                                                                        26-MAR-2002
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT
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C12Q1/68,
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Antisense modulation of human
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 160 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/160
PD JC 2002508944-A/160
PD 26-MAR-1998 US 09/048810
PT 26-MAR-1998 US 09/048810
PT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
BD138235 20 bp
Antisense modulation of human M
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Antisense modulation of
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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/mol_type="genomic DNA"
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1 right is in the patent of human MDM2 expression
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Antisense modulation of
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Antisense modulation of
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AUTHORS
TITLE
                                                DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
                                                                                                                                RESULT 363
BD138238/c
LOCUS
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KEYWORDS
SOURCE
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BD138237/c
LOCUS
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JUTHORS MIREGIA, L. L. NETO, P., Graham, M.J., Monia, B.P.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Fatent: JP 2002508944-A 163 26-MAR-2002;
MENT OS Unidentified INC
OS Unidentified PN 26-MAR-2002
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2999
PR 26-MAR-1999
PR 26-MAR-1999
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                                   Antisense modulation of BD138238 BD138238.1 GI:23233183 JP 2002508944-A/164.
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Antisense modulation of human
BD138237
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unclassified.
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
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Antisense modulation of
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
6 c 2 g
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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AUTHORS
TITLE
JOURNAL
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BD138239/c
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TITLE
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                        Bource
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                                                                                                                                                            Miraglia L.J., Nero, P., Graham, M.J., Monia, B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 165 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/165
PD 26-MAR-2002
PP 26-MAR-1999 JP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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                                                                           4888888
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1 (bases 1 to 20)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                77
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                                                                Topology: Linear;
Antisense modulation of
Location/Qualifiers
                                                                                               Strandedness: Single;
                                                                                                                       C12N15/09, A61K48/00, A61P9/10, C12Q1/68,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT
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Antisense modulation of human
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26-MAR-2002
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/organism="unidentified'
/mol_type="genomic DNA"
                              /organism='Unidentified'
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/mol_type="genomic DNA"
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                                         DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
          REFERENCE
AUTHORS
                                                                                                         RESULT 366
BD138241/c
LOCUS
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AUTHORS
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BD138240/c
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JOURNAL
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1 (bases 1 to 20)

1 (bases 1 to 20)

TITLE Antisense modulation of human MDM2 expression patent: JP 2002508944-A 166 26-MAR-2002;

VENT OS Unidentified PN JP 2002508944-A/166
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PR 26-MAR-1999
PR 26-MAR-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
                                                                                 BD138241 20 i
Antisense modulation of human
BD138241 GI:23233186
JP 2002508944-A/167.
           1 (bases 1 to 20)
Miraglia,L.J., Nero,P
Antisense modulation
                                                 unclassified
                                                               unidentified
                                                                          unidentified
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                                                                                                                                                                                                                                                            Similarity
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C12Q1/68,
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                                                                                                                                                                                                                                                                                                                                                                                                        Topology: Linear;
Antisense modulation of human MDM2
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Conservative (
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/mol_type="genomic DNA"
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Nero,P., Graham,M.J., Monia,B.I
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BD138242/c
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                                                                                                                                                                                                         unclassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 168 26-MAR-2002;

ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/168
PN JP 2002508944-A/168
PD 26-MAR-1999 UP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BR
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PD 26-
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JP 2002508944-A/168.
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Antisense modulation of human
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Antisense modulation of
Location/Qualifiers
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Antisense modulation of human MDM2
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                                                        /organism='Unidentified'
Location/Qualifiers
/organism="unidentified"
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RESULT 369
BD138244/c
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BD138243/c
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JOURNAL PARENACEUTICALS INC

MENT OS Unidentified PD 2002508944-A 169 26-MAR-2002;

PD 26-MAR-2002
PF 26-MAR-2009
PR 26-MAR-1999
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Antisense modulation
BD138243
BD138243.1 GI:232331
JP 2002508944-A/169.
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Antisense modulation of human
BD138244
BD138244.1 GI:23233189
JP 2002508944-A/170.
unclassified.
1 (bases 1 to 20)
Niraglia, I.J., Nero, P., Graham, M.J., Monia, B.I Miraglia, I.J., Nero, P., Graham, M.J., Monia, B.I Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 170 26-MAR-2002; ISIS PHARMACEUTICALS INC
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD138245/c
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 171 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/171
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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JP 2002508944-A/170
26-MAR-2002
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, M
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Antisense modulation of human
Location/Qualifiers
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Antisense modulation of
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ilarity 100.0%;
Conservative (
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BD138247/c
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ISIS PHARMACEUTICALS INC
Unidentified
PN JP 2002508944-A/172
PN JP 2002508944-A/172
PD 26-MAR-2002
PP 26-MAR-1999 UP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX
ISIS PHARMACEUTICALS INC OS Unidentified PN JP 2002508944-A/173
                                    1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 173 26-MAR-2002;
                                                                                                     unidentified unidentified
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JP 2002508944-A/172
26-MAR-2002
26-MAR-1999 JP 20005:
26-MAR-1998 US 09
LOREN J MIRAGLIA, PAM
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Antisense modulation of human
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/organism='Unidentified'
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8 C 2 g
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1998 US 09/048810
MIRAGLIA, PAMELA NERO,
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
    Conservative
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/mol_type="genomic DNA"
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BD138250/c
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THORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
RNAL Patent: JP 2002508944 A 176 26-MAR-2002;
TOS Unidentified
PN JP 2002508944-A/17
PD 26-MAR-2007
PD 26-MAR-2007
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ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/175
PD 26-WAR-2002
PF 26-MAR-1999 JP 200053
PR 26-MAR-1998 US 09/
PI LOREN J MIRAGLIA, PAME
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Antisense modulation of h
BD138250
BD138250.1 GI:23233195
JP 2002508944-A/176.
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JP 2002508944-A/175.
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Antisense modulation of
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Location/Qualifiers
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 177 26-MAR-2002; ISIS PHARMACEUTICALS INC
                        l Similarity
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JP 2002508944-A/177.
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Antisense modulation of human
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Antisense modulation of human MDM2
Location/Qualifiers
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26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT
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Topology: Linear;
Antisense modulation of human MDM2
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JP 2002508944-A/177
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LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M
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1 TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 179 26-MAR-2002;
VENT OS Unidentified PN JP 2002508944-A/179
PD 26-MAR-2002
PF 26-MAR-2002
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 178 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/178
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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JP 2002508944-A/178.
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Antisense modulation
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       LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M
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             1499 GCCATCAACTTCTAGTAGCA 1518
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2 Miraglia,L.J., Nero,P., Graham,M.J., Monia, Antisense modulation of human MDM2 expressi Patent: JP 2002508944-A 180 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/180
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GR
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TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 182 26-MAR-2002;

WENT OS Unidentified PL 2002508944-A/182
PD 26-MAR-2002
PF 26-MAR-2002
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Antisense modulation of human MDM2 expression
Patrent: JP 2002508944-A 181 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/181
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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Antisense modulation of human M
BD138256
BD138256.1 GI:23233201
JP 2002508944-A/182.
unidentified
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JP 2002508944-A/181.
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C12N15/00
                26-MAR-2002
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P
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COWSERT
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Antisense modulation of human
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and
Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 183 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/183
PD 26-MAR-1999 US 09/048810
PR 26-MAR-1998 US 09/048810
PR 26-MAR-1998 US 09/048810
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JP 2002508944-A/183.
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Topology: Linear;
Antisense modulation of
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C12Q1/68,
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Antisense modulation of
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26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
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BD138259/c
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DEFINITION
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BD138258/c
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                                         JUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 185 26-MAR-2002;

VENT OS Unidentified PD 20-MAR-2002
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1999
PR 26-MAR-1999
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Matches 20
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 184 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/184
PD JP 2002508944-A/184
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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Antisense modulation of human
BD138258
BD138258.1 GI:23233203
JP 2002508944-A/184.
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Antisense modulation of
Location/Qualifiers
COWSERT
C12N15/09,A61K48/00,A61P9/10,
C12Q1/68,
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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RESULT 386
BD138261/c
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VENT OS Unidentified

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PD 2002508944-A 186 26-MAR-2002;

VENT OS Unidentified
PD 26-MAR-2002
PF 26-MAR-2999
PR 26-MAR-1999
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Antisense modulation of h
BD138260
BD138260.1 GI:23233205
JP 2002508944-A/186.
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(larity 100.0%;
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Antisense modulation of
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Strandedness:
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/mol_type="genomic DNA"
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Location/Qualifiers
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/db_xref="taxon:32644"
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REFERENCE
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KEYWORDS
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BD138262/c
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BD1382621 GI:23233207 JP 2002508944-A/188.
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Antisense modulation of human MDM2 expression.
BD138261
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
C12N15/00
Strandedness: Single;
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Antisense modulation of
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C12Q1/68,
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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RESULT 389
BD138264/c
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BD138263/c
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1 (bases 1 to 20)

1 (bases 1 to 20)

1 TITLE

Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 189 26-MAR-2002;

WENT OS Unidentified
PD 2002508944-A/189
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1999 TO
PR 26-MAR-1999 TO
PR 26-MAR-1999 TO
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Antisense modulation of human MDM2 expression
Location/Qualifiers
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Antisense modulation of human MDM2 expression
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LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT
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/mol_type="genomic_DNA"
/db_xref="taxon:32644"
7 c 1 a
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Location/Qualifiers
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/db_xref="taxon:32644"
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BD138265/c
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1 (bases 1 to 20)

8 Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.

8 Miraglia,L.J., Nero,P., Graham,M.J.

9 Patent: JP 2002508944-A 190 26-MAR-2002;

8 Unidentified

9N JP 2002508944-A/190

9D 26-MAR-2002

9D 26-MAR-2002

9D 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,
                                                                                                                unclassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 191 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified
PN JP 2002508944-A/191
PD 26-MAR-1999 JP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
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BD138265.1 GI:23233
JP 2002508944-A/191.
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BD138264.1 GI:23233
JP 2002508944-A/190.
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Topology: Linear;
Antisense modulation
                            Strandedness: Single,
                                              C12N15/00
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT
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Antisense modulation of human
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DEFINITION
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VERSION
                               RESULT 392
BD138267/c
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SOURCE
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                                                                                                 1624 GTGTGATTTGTCAAGGTCGA 1643
                                                                                                                                                                                                                                                                                                                                                          unclassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 192 26-MAR-2002;

ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/192
PD 26-MAR-1999 UP 200538025
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
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Antisense modulation of human BD138267 BD138267.1 GI:23233212
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20; Conserv
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Antisense modulation of
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/mol_type="genomic_DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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BD138268/c
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Antisense modulation of human MDM2 expression
Patent JP 2002508944-A, 194 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/194
PD 26-MAR-2002
PP 26-MAR-2002
PP 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,
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1 (bases 1 to 20)

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Antisense modulation of h
Patent: JP 2002508944-A 1
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           Location/Qualifiers
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Antisense modulation of human
Location/Qualifiers
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source
                     Topology: Linear;
Antisense modulation of human
                                              Strandedness:
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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RESULT 395
BD138270/c
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TITLE
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BD138269/c
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1 (bases 1 to 20)

TITLE
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 195 26-MAR-2002;
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OS Unidentified
PD 20-MAR-2002
PP 26-MAR-2002
PP 26-MAR-2002
PP 26-MAR-2002
PR 26-MAR-1999 -
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Matches 20
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BD138270 20 bp
Antisense modulation of human M
BD138270
BD138270.1 GI:23233215
JP 2002508944-A/196.
unidentified
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C12N15/00
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Antisense modulation of human
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                                                                                                                                                                                                /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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/db_xref="taxon:32644"
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 196 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/196
PN JP 2002508944-A/196
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20
                                                                                                                                                                                                                                                                                                                                                      unidentified
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BD138271.1 GI:2323:
JP 2002508944-A/197
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20; Conserv
                                                                                                                                                                                                                                                                                                                        unclassified.
1 (bases 1 to 20)
                                                                                                                                                                                                                                                                                                                                                                    unidentified
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                                             Location/Qualifiers
                                                          Topology: Linear;
Antisense modulation of human
                                                                                                                                                                   26-MAR-2002
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
26-MAR-1998 US NAMELA NERO,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Antisense modulation of ocation/Qualifiers
                                                                                       Strandedness: Single;
                                                                                                        C12N15/00
                                                                                                                    C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//C12Q1/68,
                                                                                                                                                  COWSERT
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M
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/organism='Unidentified'
Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic_DNA"
/db_xref="taxon:32644"
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AUTHORS
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                                                           RESULT 398
BD138273/c
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ORGANISM
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BD138272/c
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unidentified unidentified unclassified.
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Antisense modulation of human
BD138273
BD138273.1 GI:23233218
JP 2002508944-A/199.
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Antisense modulation of
BD138272
BD138272.1 GI:23233217
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Antisense modulation of human MDM2
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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SOURCE
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BD138274/c
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 199 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/199
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Similarity
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                                                                        Strandedness: Single;
Topology: Linear;
Antisense modulation of human
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C12Q1/68,
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larity 100.0%;
Conservative
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Antisense modulation of human
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                     /organism='Unidentified'
Location/Qualifiers
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/db_xref="taxon:32644"
5 c 2 g
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Pred. No.
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AUTHORS
TITLE
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ACCESSION
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  REFERENCE
AUTHORS
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BD138276/c
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SOURCE
ORGANISM
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BD138275/c
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1 (bases 1 to 20)

TITLE
Antisense modulation of human MDM2 expression

JOURNAL PALENT: JP 2002508944-A 201 26-MAR-2002;

MENT OS Unidentified
OS Unidentified
DP 2002508944-A/201
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1999 TP
PR 26-MAR-1999 TP
PR 26-MAR-1999 TP
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Best Local Similarity
Matches 20; Conserv
                              ORGANISM
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                                              Antisense modulation of BD138276 BD138276.1 GI:23233221 JP 2002508944-A/202.
1 (bases 1 to
Miraglia,L.J.,
                              unidentified
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Antisense modulation of BD138275
                   unclassified
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llarity 100.0%; Pred. No.
Conservative 0; Mismatci
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Antisense modulation of human MDM2 expression
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100.0%; Pred. No. 3.1
Ative 0; Mismatches
Nero, P.,
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Graham, M.J., Monia, B.P. and Cowsert, L.M.
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 202 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/202
PD 26-MAR-2002
PD 26-MAR-2009
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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Antisense modulation c
BD138277
BD138277.1 GI:232332:
JP 2002508944-A/203.
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Topology: Linear;
Antisense modulation of human MDM2 expression
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Antisense modulation of human
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/db_xref="taxon:32644"
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BD138279/c
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 204 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/204
PD 26-MAR-2002
PF 26-MAR-1998 US 09/048810
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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unclassified.

1 (bases 1 to 20)
Miraglia, L.J., Nero, P., G
Antisense modulation of h
Patent: JP 2002508944-A 2
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Antisense modulation of h
BD138279
BD138279.1 GI:23233224
JP 2002508944-A/205.
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JP 2002508944-A/204.
unidentified
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Antisense modulation of human MDM2
BD138278
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Antisense modulation of human MDM2
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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 Graham, M.J., Monia, B.P. human MDM2 expression 205 26-MAR-2002;
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1 (bases 1 to 20)
Miragila,L.J., Nero,P., Graham,M.J., Martisense modulation of human MDM2 exp.
Patent: JP 2002508944-A 206 26-MAR-200.
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/206
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK
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JP 2002508944-A/206. unidentified
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Unidentified
JP 2002508944-A/205
26-MAR-2002
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C12N15/00
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C12N15/00
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Antisense modulation of
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Antisense modulation of
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26-MAR-1998 US 09/048810
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BD138281/c
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   COMMENT
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1 (bases 1 to 20)

TITLE Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.

TOURNAL Patent: JP 2002508944-A 207 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified
PD 26-MAR-2002
PF 26-MAR-2002
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Best Local Similarity
Matches 20; Conserv
                                                                                 ORGANISM
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Antisense modulation of P
BD138282
BD138282.1 G1:23233227
JP 2002508944-A/208.
unidentified
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unclassified.

1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.I
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 208 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
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Antisense modulation of human
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                   Strandedness: Single;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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100.0%; Pred. No.
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hes 0;
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                                            Monia, B.P.
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BD138283/c
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Query Match
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JP 2002508944-A/209
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 209 26-MAR-2002;
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                                                                                                                    location/Qualifiers
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26-MAR-2002
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT
                                                                                                                             Topology: Linear;
Antisense modulation of
                                                                                                                                                 Strandedness:
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                                                                                                                                                               C12N15/00
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26-MAR-1998 US 09/048810
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JP 2002508944-A/209
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Antisense modulation of human
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                               /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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Score 20;
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REFERENCE
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AUTHORS
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BD138284/c
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SOURCE
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BD138285/c
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JOURNAL
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                                                                                            JOURNAL
1 (bases 1 to 20)
1 (bases 1 to 20)
1 (Nero,P., Graham,M.J., Monia,B.P. and Raglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Raglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and E Antisense modulation of human MDM2 expression
1AL Patent: JP 2002508944-A 211 26-MAR-2002;
1SIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944 PD 26-MAR-2002508944 PD 26-MAR-200250844 PD 26-MAR-200250844 PD 26-MAR-200250844 
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Antisense modulation of h
BD138285
BD138285.1 GI:23233230
JP 2002508944-A/211.
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 210 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,
C12Q1/68,
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Antisense modulation of
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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TITLE
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SOURCE
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ACCESSION
VERSION
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BD138286/c
                                                 BASE COUNT
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Matches 20
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Best Local 9
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 212 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/212
PD 26-MAR-2002
PP 26-MAR-1999 JP 2000538025
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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 Similarity
20; Conserv
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JP 2002508944-A/212.
unidentified
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Antisense modulation of human
Location/Qualifiers
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT
  Conservative
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Antisense modulation of human
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                                              /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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/db_xref="taxon:32644"
2 c 3 g
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Pred. No.
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SOURCE
ORGANISM
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BD138288/c
LOCUS
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BD138287/c
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Best Local Similarity
Matches 20; Conserv
                                                                                     JOURNAL
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      unclassified.

1 (bases 1 to 20)

3 (bases 1 to 20)

3 Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 214 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified
PN JP 2002508944-A/214
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PF 26-MAR-1999 US 09/048810
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1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.

Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 213 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/213

PD 26-MAR-2002

PF 26-MAR-1999 UP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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Antisense modulation of h
BD138288
BD138288.1 GI:232333233
JP 2002508944-A/214.
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JP 2002508944-A/213.
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JP 2002508944-A/214
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26-MAR-1999 JP 20005
26-MAR-1998 US 0'
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llarity 100.0%;
Conservative
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Antisense modulation of human
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/db_xref="taxon:32644"
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ORGANISM
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BD138289/c
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1 (bases 1 to 20)

1 (bases 1 to 20)

TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 215 26-MAR-2002;

YENT OS Unidentified PN 2002508944-A/215
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2009
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Matches 20
                                   Matches
                                            Query Match
Best Local :
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TTTATTCACATATATCAAAG 1874
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Topology: Linear;
Antisense modulation of human MDM2 expression
Location/Qualifiers
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C12N15/09,
C12Q1/68,
C12N15/00
                                0.8%;
llarity 100.0%;
Conservative (
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT
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Antisense modulation of
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                                                                                                                                /organism='Unidentified'
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
l c 3 g
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
l c 2 g
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Location/Qualifiers
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REFERENCE
AUTHORS
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ACCESSION
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SOURCE
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BD138291/c
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AUTHORS
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BD138290/c
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1 (bases 1 to 20)

1 (bases 1 to 20)

TITLE

Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 216 26-MAR-2002;

WENT

OS

Unidentified

PD 2002508944-A/216

PD 26-MAR-2002

PF 26-MAR-2002

PF 26-MAR-2002

PF 26-MAR-1999

PR 26-MAR-1999

PR 26-MAR-1999

PI 1 1--MAR-1999
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1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 217 26-MAR-2002;

ISIS PHARMACECUTICALS INC
OS Unidentified PN JP 2002508944-A/217
PD 26-MAR-1999 JP 200538025
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
                                                                                                                                                                                                                                         1865 TATATCAAAGTGAGAAAATG 1884
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Antisense modulation of
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                                                                                                                                                                                                                                                                                                                                                                                                                  Strandedness:
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C12Q1/68,
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No.
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human MDM2
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BD138292/c
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1872 AAGTGAGAAAATGCCTCAAT 1891
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Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.I
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 218 26-MAR-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             unidentified
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JP 2002508944-A/218
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                                              Similarity
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TGCCTCAATTCACATAGATT
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Antisense modulation of human
Location/Qualifiers
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C12N15/00
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C12Q1/58,
                               larity 100.0%;
Conservative
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Antisense modulation of human
                                                                                                                                                                                                                                  Strandedness: Single;
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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Location/Qualifiers
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                                                                                  /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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REFERENCE
AUTHORS
TITLE
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BD138294/c
LOCUS
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ORGANISM
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BD138293/c
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                                        unclassified.

E 1 (bases 1 to 20)

E 1 (bases 1 to 20)

Miraglla, L.J., Nero, P., Graham, M.J., Monia, B.P. and Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 220 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified PN JP 2002508944-A/220
PN JP 2002508944-A/220
PP 26-MAR-2002
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM. RPF
                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 20)
Miraglla,L.J., Nero,P., Graham,M.J., Monia,B.I
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 219 26-MAR-2002;
ISIS PHARMACEUTICALS INC
                                                                                                                                                                                                          unidentified
unidentified
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20; Conserv
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Antisense modulation of human
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Antisense modulation of human MDM2 expression
Location/Qualifiers
COWSERT C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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Location/Qualifiers
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/db_xref="taxon:32644"
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100.0%; Pr
                                         MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX
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                       1905
                                                                                                                                                                                                                                                                                                  Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 221 26-MAR-2002;
ISIS PHARMACBUTICALS INC
OS Unidentified
PN JP 2002508944-A/221
PD 26-MAR-2002
PD 26-MAR-2002
PD 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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Antisense modulation of human
BD138295
BD138295.1 GI:23233240
JP 2002508944-A/221.
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               TTCTCTTTAGTATAATTGAC 1924
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TTCTCTTTAGTATAATTGAC 1
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ilarity 100.0%;
Conservative (
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C12N15/00
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Antisense modulation of human
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Antisense modulation of human
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                                                                                                                                                    /organism='Unidentified'
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
                                                                                           /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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1998 US 09/048810
MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M
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RESULT 421

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BD138297/c
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TITLE
JOURNAL
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1 (bases 1 to 20)

1 (bases 1 to 20)

3 Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 222 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified
PN JP 2002508944-A/222
PD 26-MAR-1999 JP 2000538025
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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                                                                                                                       unclassified.

1 (bases 1 to 20)
Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P.
Miraglia, L.J., Nero, P., Graham, MDM2 expression
Patent: JP 2002508944-A 223 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
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                                                                                                                                                                                                                                        JP 2002508944-A/223.
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Antisense modulation of
Location/Qualifiers
C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//C12Q1/68,
C12Q1/68,
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                                    COWSERT
                                                            26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                             GRAHAM, BRETT
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BD138298/c
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BD138299/c
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JP 2002508944-A/224.
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Antisense modulation of human Location/Qualifiers
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                                                                                                                                                                                                                                                                                                       26-MAR-2002
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P
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JP 2002508944-A/224
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Antisense modulation of human
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
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                                                                                                             Length 20
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REFERENCE
AUTHORS
TITLE
JOURNAL
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BD138300/c
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ACCESSION
VERSION
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AUTHORS
TITLE
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ACCESSION
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                                                       FEATURES
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1 (bases 1 to 20)

TITLE Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 225 26-MAR-2002;

WENT OS Unidentified
PD 20-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PR 26-MAR-2002
PR 26-MAR-1999
PR 26-MAR-1999
                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Sim
Matches 20;
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Antisense modulation of human MDM2
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
      C12N15/00
Strandedness: Single;
                                                           26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT
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Antisense modulation of human
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/mol_type="genomic DNA"
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100.0%; Pred. No.
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RESULT 427
BD138302/c
LOCUS
DEFINITION
ACCESSION
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AUTHORS
TITLE
JOURNAL
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VERSION
KEYWORDS
SOURCE
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BD138301/c
LOCUS
DEFINITION
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Local Similarity 100.0%;
hes 20; Conservative (
                                                                                                             1948
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Miraglia, L. J., Nero, P., Graham, M.J., Monia, B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 227 26-MAR-2002;

ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/227
PD 26-MAR-2002
PD 26-MAR-2002
PD 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
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BD138301.1 GI:2323
JP 2002508944-A/227
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Topology: Linear;
Antisense modulation of human MDM2
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
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/organism='Unidentified'
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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VERSION
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1 (bases 1 to 20)
TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 229 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified PM 2002508944-A/229
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1999 TP
PR 26-MAR-1999 TP
PI 16-MAR-1999 TP
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TITLE
JOURNAL
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 228 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/228
PN JP 2002508944-A/228
PD 26-MAR-1999 JP 2000538025
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, J
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JP 2002508944-A/228.
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Antisense modulation of human
BD138303.1 GI:23233248
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Topology: Linear;
Antisense modulation of
Location/Qualifiers
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                                    Strandedness: Single;
                                                               C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//C12Q1/68,
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Antisense modulation of
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT
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/mol_type="genomic DNA"
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             Key
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REFERENCE
AUTHORS
TITLE
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BD138304/c
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                    RESULT 430
BD138305/c
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DEFINITION
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      KEYWORDS
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1 (bases 1 to 20)

1 (bases 1 to 20)

TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 230 26-MAR-2002;

WENT OS Unidentified PN 2002508944-A/230
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1999
PI 1 PR 26-MAR-1999
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BD138305
Antisense modulation o
BD138305
BD138305.1 GI:2323325
JP 2002508944-A/231.
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BD138304
BD1383041 GI:2323324
JP 2002508944-A/230.
unidentified
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llarity 100.0%;
Conservative
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Antisense modulation of human
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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В.Р.
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                                                                                   PAT 18-SEP-2002
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REFERENCE
AUTHORS
TITLE
JOURNAL
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ACCESSION
VERSION
KEYWORDS
SOURCE
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BD138306/c
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ORGANISM
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Liassified.

1 (bases 1 to 20)

TITLE
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 232 26-MAR-2002;

TISIS PHARMACEUTICALS INC
Unidentified
DD 26-MAR-200944-A/232
PD 26-MAR-2099
PD 26-MAR-2099
PR 26-MAR-1999
PR 26-MAR-1999
PR 26-MAR-1999
PR 26-MAR-1999
PI 1 - MAR-1999
PR 26-MAR-1999
PR 26-MAR-1999
PR 26-MAR-1999
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TITLE
JOURNAL
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Best Local
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1 (bases 1 to 20)

1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 231 26-MAR-2002;

ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/231
PD 26-MAR-2002
PF 26-MAR-1999 US 09/048810
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
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Antisense modulation of human
BD138306
BD138306.1 GI:23233251
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                        Location/Qualifiers
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                                                                         C12N15/09, A61K48/00, A61P9/10, C12Q1/68, C12N15/00
                                  Strandedness: Single;
Topology: Linear;
Antisense modulation of
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Antisense modulation of
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
0 c 8 g
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Pred. No.
/organism='Unidentified'
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REFERENCE
AUTHORS
TITLE
JOURNAL
                                             RESULT 433
BD138308/c
LOCUS
DEFINITION
ACCESSION
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VERSION
KEYWORDS
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BD138307/c
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 233 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/233
PD 26-MAR-1909
PF 26-MAR-1999 JP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
                    BD138308
Antisense modulation of BD138308
BD138308 1 GI:23233253
JP 2002508944-A/234.
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unidentified unidentified
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Conservative (
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Antisense modulation of
                                                                                                                                                                                                                                                                                                                                                       Strandedness:
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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AUTHORS
TITLE
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BD138309/c
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1 (bases 1 to 20)
1 (bases 1 to 20)
1 TITLE
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 234 26-MAR-2002;
VENT OS Unidentified
PD 4P 2002508944-A/234
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PR 26-MAR-1999
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TITLE

Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 235 26-MAR-2002;

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26-MAR-2002

PF

26-MAR-2002

PF

26-MAR-2002

PR

26-MAR-2002

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26-MAR-2002

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26-MAR-2002

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TRISERIES

PR

26-MAR-1999

PR

26-MAR-1999

TRISERIES

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                                                                             Location/Qualifiers
                                                                                              Topology: Linear;
Antisense modulation of
                                                                                                                                                                              C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//C12Q1/68,
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                                                                                                                                      Strandedness: Single;
                                                                                                                                                              C12N15/00
                                                                                                                                                                                                                      COWSERT
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              /organism='Unidentified'
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JOURNAL
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RESULT 436
BD138311/c
LOCUS
        SOURCE
ORGANISM
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DEFINITION
ACCESSION
                                                              DEFINITION
                                                                                                                                                                                                                       BASE COUNT
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BD138310/c
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 236 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/236
PN JP 2002508944-A/236
PD 26-MAR-2002
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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Antisense modulation of h
BD138311
BD138311.1 GI:23233256
JP 2002508944-A/237.
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Antisense modulation of human
BD138310
BD138310.1 GI:23233255
JP 2002508944-A/236.
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C12N15/09,A61K48/00,A61P9/10,
C12Q1/68,
C12N15/00
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Antisense modulation of
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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Pred. No.
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1 MDM2 expression
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                                                              DNA lin expression.
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                                                                                                                                                                                               Length 20
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(bases 1 to

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DEFINITION
ACCESSION
VERSION
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ORGANISM
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BD138312/c
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Best Local S
Matches 20
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TITLE
JOURNAL
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ISIS PHARMACEUTICALS INC
OS Unidentified PN JP 2002508944-A/237
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
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OS
PN
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Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.I Miraglia, L.J., Nero, P., Graham, M.DM2 expression Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 238 26-MAR-2002; ISIS PHARMACEUTICALS INC
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                                                  F.F.
                                                                                   unclassified
                                                                                                                                                                                                                                                                                                                                          unidentified
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BD138312.1 GI:23233257
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                                                                        location/Qualifiers
                                                                                                                         COWSERT
C12N15/09,A61K48/00,A61P9/10,
C12Q1/68,
C12N15/00
                                                                                   Strandedness: Single;
Topology: Linear;
Antisense modulation of
                                                                                                                                                                                  26-MAR-2002
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
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Antisense modulation of
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                                    /organism='Unidentified'
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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           organism="unidentified"
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_type="genomic DNA"
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                                                                                                                                                                                   MONIA, LEX
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REFERENCE
AUTHORS
TITLE
                                           SOURCE
ORGANISM
                                                                RESULT 439
BD138314/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
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BD138313/c
LOCUS
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Best Local Sim
Matches 20;
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TITLE
JOURNAL
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Best Local :
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Antisense modulation of h
BD138314
BD138314.1 GI:23233259
JP 2002508944-A/240.
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1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 239 26-MAR-2002;
ISIS PHARMACEUTICALS INC
                                           unidentified
                                                      unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Antisense modulation of human BD138313 BD1383131 GI:23233258 JP 2002508944-A/239.
                                  unclassified.
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                                                                                                                                                                                                                                                                                                                                                      Topology: Linear;
Antisense modulation of
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                                                                                                                                                                                                                                                                                                                                                                                                                                              LOREN J
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26-MAR-1998 US 09/048810
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26-MAR-2002
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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2 c 1 g
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Pred. No.
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Pred. No.
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REFERENCE
AUTHORS
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VERSION
KEYWORDS
SOURCE
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BD138315/c
LOCUS
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ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/240
PD 26-MAR-2002
PF 26-MAR-1999 JP 20005
PR 26-MAR-1999 US 09
PI LOREN J MIRAGLIA, PAM
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 241 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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                                                                                                    unidentified
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Unidentified
JP 2002508944-A/240
                                                                                          ocation/Qualifiers
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                                                                                                    Antisense modulation of
                                                                                                                            Strandedness:
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26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
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Antisense modulation of human
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26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT
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                                                                                                               Copology: Linear;
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                                                     /organism='Unidentified'
        /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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RESULT 442
BD138317/c
LOCUS
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AUTHORS
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ORGANISM
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VERSION
KEYWORDS
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ORGANISM
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BD138316/c
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Best Local Similarity
Matches 20; Conserv
                                        AUTHORS
TITLE
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JOURNAL
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Best Local
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                                                                               Antisense modulation of human Wi
BD138317
BD138317.1 GI:23233262
JP 2002508944-A/243.
unidentified
unidence.
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unclassified.
1 (bases 1 to 20)
1 (bases 1, Nero, P., Graham, M.J., Monia, L...
Miraglia, L.J., Nero, P., Graham, MDM2 expression
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 243 26-MAR-2002;
Patent: JP 2007508941-A 243 26-MAR-2002;
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Antisense modulation of human
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26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM,
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                                                                                                                                                                                                                                                                                                   /organism="unidentified"
/mol type="genomic DNA"
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Location/Qualifiers
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DEFINITION
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Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 244 26-MAR-2002;
                                                                                                                                                                                                                                                                                                                                           unidentified
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Antisense modulation of human
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Antisense modulation of human
Location/Qualifiers
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26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERC
                                                                                                                                                                                                                                                                           PHARMACEUTICALS INC
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Antisense modulation of
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JP 2002508944-A/243
26-MAR-2002
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/organism='Unidentified'
Location/Qualifiers
                     /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
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TITLE
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BD138320
BD138320.1 GI:23233265
JP 2002508944-A/246.
unidentified
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Antisense modulation o
BD138319
BD138319.1 GI:2323321
JP 2002508944-A/245.
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1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.F.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 246 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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PN JP 2002508944-A/246
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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TITLE Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.

Patent: JP 2002508944-A 247 26-MAR-2002;

TISIS PHARMACEUTICALS INC

Unidentified
PN JP 2002508944-A/247
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1999
PI 26-MAR-1999
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
                                                                                                                   Topology: Linear;
Antisense modulation of
                                                                                                                                      Strandedness:
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Antisense modulation of
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THORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
THORS Antisense modulation of human MIMM2 expression
RNAL Patent: JP 2002508944-A 249 26-MAR-2002;
TOS Unidentified
PN JP 2002508944-A/2/^
PD 26-MAR-200^
PD 26-MAR-200^
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Antisense modulation of human
BD138323
BD138323.1 GI:23233268
JP 2002508944-A/249.
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 248 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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JP 2002508944-A/248.
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Antisense modulation of human
Location/Qualifiers
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
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/mol_type="genomic DNA"
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Miraglia, L.J., Nerc, P., Graham, M.J., Monia, B.I
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 250 26-MAR-2002;
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Antisense modulation of human
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JP 2002508944-A/250
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C12N15/00
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26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
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Antisense modulation of human MDM2
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Antisense modulation of
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LOREN J MIRAGLIA, PAWELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M
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LUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 252 26-MAR-2002;
ENT OS Unidentified
OS Unidentified
PD JP 2002508944-A/252
PP 26-MAR-2002
PP 26-MAR-2002
PP 26-MAR-2002
PR 26-MAR-1999
PR 26-MAR-1999
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TITLE
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 251 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/251
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-1998 US 09/048810
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JP 2002508944-A/252
26-MAR-2002
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M
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Antisense modulation of human
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/mol_type="genomic DNA"
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BD138327/c
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Matches 20
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TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 253 26-MAR-2002;

ENT OS Unidentified PN JP 2002508944-A/253
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PR 26-MAR-1999 -
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Antisense modulation of
Location/Qualifiers
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Antisense modulation of
Location/Qualifiers
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
C12N15/00
Strandedness: Single;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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RESULT 453
BD138328/c
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BD138329/c
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TITLE
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Best Local (
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unclassified.

E 1 (bases 1 to 20)

E 1 (bases 1 to 20)

Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. an Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 255 26-MAR-2002;

ISIS PHARMACECUTICALS INC

OS Unidentified
PN JP 2002508944-A/255
PN 26-MAR-1999 JP 200538025
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRI

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRI
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 254 26-MAR-2002;

ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/254
PD 26-MAR-2902
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, 1
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Antikense modulation of human M
BD138329
BD138329
BD138329.1 GI:23233274
JP 2002509944-A/255.
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Antisense modulation
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BD138328.1 GI:232332
JP 2002508944-A/254.
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Antisense modulation of human
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon;32644"
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modulation of human
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Best Local Similarity
Matches 20; Conserv
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 256 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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Antisense modulation of
Location/Qualifiers
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Antisense modulation of
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26-MAR-2902
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
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llarity 100.0%; F
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD138332/c
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BD138331/c
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1 (bases 1 to 20)

1 TITLE Antisense modulation of human MDM2 expression patent: JP 2002508944-A 257 26-MAR-2002;

VENT OS Unidentified PD 2002508944-A/257
PD 26-MAR-2002
PF 26-MAR-2009
PF 26-MAR-1999 TP
PR 26-MAR-1999 TP
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Miraglia,L.J., Nero, P., Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 258 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified PN JP 2002508944-A/258
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
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Antisense modulation of human M
BD138331
BD138331.1 GI:23233276
JP 2002508944-A/257.
unidentified
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C12N15/09,
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Topology: Linear;
Antisense modulation of
Location/Qualifiers
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C12Q1/68,
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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            A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
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Miraglia,LJ., Nero,P., Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 259 26-MAR-2002;

ISIS PHARMACEUTICALS INC
OS Unidentified PN JP 2002508944-A/259
PD 26-MAR-1999 JP 200538025
PF 26-MAR-1999 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BR
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BD13833.1 GI:23233278
JP 2002508944-A/259.
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Topology: Linear;
Antisense modulation of
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llarity 100.0%;
Conservative (
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Antisense modulation of
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
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RESULT 460
BD138335/c
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KEYWORDS
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C12N15/09, A
C12Q1/68,
C12N15/00
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
C12N15/00
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Conservative
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Antisense modulation
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Strandedness: Single;
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                    A61K48/00, A61P9/10,
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                                           MONIA, LEX M
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RESULT 462
BD138337/c
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AUTHORS
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BD138336/c
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E 1 (bases 1 to 20)

E 1 (bases 1 to 20)

Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 262 26-MAR-2002;

ISIS PHARMACECUTICALS INC

OS Unidentified
PN JP 2002508944-A/262
PN JP 2002508944-A/262
PD 26-MAR-1999 UP 200538025
PF 26-MAR-1999 UP 200538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRI
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Location/Qualifiers
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larity 100.0%;
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C12Q1/68,
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Antisense modulation of human MDM2 expression
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BD138338/c
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1 (bass 1 to 20)

TITLE Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P.

TOURNAL Patent: JP 2002508944-A 264 26-MAR-2002;

PARMACEUTICALS INC

Unidentified
PN JP 2002508944-A/264
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
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OS Unidentified
PN JP 2002508944-A/263
PD 26-MAR-2002
PF 26-MAR-1999 JP 200053
PR 26-MAR-1998 US 09/
PI LOREN J MIRAGLIA, PAME
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JP 2002508944-A/264.
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Antisense modulation of human MDM2 expre
Patent: JP 2002508944-A 263 26-MAR-2002;
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 Topology: Linear; Antisense modulation
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Antisense modulation of human
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M
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of human MDM2 expression
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                                                                                                                                                                                                                                                                                                                          unclassified.

1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. an Antisense modulation of human NDM2 expression Patent: JP 2002508944-A 265 26-MAR-2002;

ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/265
PN JP 2002508944-A/265
PD 26-MAR-1999 UP 2000538025
PF 26-MAR-1999 US 09/048810
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BR
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Antisense modulation of human
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Antisense modulation of human
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TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 267 26-MAR-2002;

WENT OS Unidentified PN 2602508944-A/267
PD 26-MAR-2002
PF 26-MAR-2009
PF 26-MAR-1999
PR 26-MAR-1999
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Antisense modulation of human M
BD138341
BD138341. GI:23233286
JP 2002508944-A/267.
unidentified
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1 (bases 1 to 20)
Miraglia, I.J., Nero, P., Graham, M.J., Monia, B.I Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 266 26-MAR-2002;
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
                         Topology: Linear;
Antisense modulation of
                                                       Strandedness:
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
7 c 6 g
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Location/Qualifiers
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DEFINITION
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E31877/c
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BD138342/c
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Best Local S
Matches 20
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1 (bases 1 to 20)

TITLE Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 268 26-MAR-2002;

YENT OS Unidentified
PN JP 2002508944-A/268
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PR 26-MAR-1999
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E31877.1 GI:13017436
JP 1999308996-A/10.
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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Antisense modulation of
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C12N15/00
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Location/Qualifiers
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/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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Synthetic
at 1p36.
AB069259
                                                                                                                                             Submitted (04-AUG-2001) Akira Horii, Tohoku University Sch
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, S
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Pax:81-22-717-8047)
                                                                                                                                                                                                                                                                                                                        Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H., Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M.,
                                                                                                                                                                                                                                                                                             A BAC-based STS-content map spanning
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Genomics 74 (1), 55
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                                                                                                                                                                                                      Direct Submission
                                                                                                                                                                                                                  Horii,A
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09-NOV-1999
28-APR-1998 JP 199
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/note="reverse primer for human STS sts-R89K16R at sts-R89K16R obtained from clones B7H21 B7H21 B4M23 B45G17 B62G22 B89K16 B102J17,19 B7H21 B7I21, Human library RPCI-11"
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Location/Qualifiers
                                                                           /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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E50642/c
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Matches 20; Conserv
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                                  OTSUKA PHARMACEUT CO LTD
OS Unidentified
PN JP 2001017185-A/6
PD 23-JAN-2001
PF 10-DEC-1999 JP 199935
PF MICHINAO MIZUGAKI,MAS.
PC C12N15/09,C12Q1/68,C1.
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FH Key
FT Source
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Polymorphisms in the human cyp2b6 gene
and therapeutic applications
Patent: WO 015912-A 27 16-AUG-2001;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
                                                                                                                                                                                  1 (bases 1 to 22)
Mizugaki,M. and Hiratsuka,M.
Simple detection method of drug-metabolizing
Patent: JP 2001017185-A 6 23-JAN-2001;
                                                                                                                                                                                                                                                            unidentified
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JP 2001017185-A/6.
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23-JAN-2001
10-DEC-1999 JP 1999351610
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                                                                                   MICHINAO MIZUGAKI, MASAHIRO HIRATSUKA
C12N15/09,C12Q1/68,C12Q1/68,C12N15/00
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                    /organism='Unidentified'
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/db_xref="taxon:32630"
/note="artificial sequence"
/organism="unidentified"
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AX693015
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AR208396/c
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Sequence 5747 from Patent
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Agrawal, S. and Kandimalla, E.R.
Pseudo-cyclic oligonucleobases
Patent: US 6383752-A 12 07-MAY-2002;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
6 C 9 g
                                                                   organism="unknown"
9 c 4 g
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/db_xref="taxon:32644"
8 c 3 g
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AX093775
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AR214382
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AX115087
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Sherr,C.J., Quelle,D., Roussel,M.F., Zindy,F. and Weber,J.D.
ARF-P19, a novel regulator of the mammalian cell cycle
Patent: US 6407062-A 26 18-JUN-2002;
Location/Qualifiers
         Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
1. .23
                                                                                   Sequence 13 from Patent AX093775
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                                               Homo sapiens (human)
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nilarity 91.3%;
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/mol_type="genomic DNA"
/mb xrefe"ttaxon:32630"
/moEe="Primer"
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6 c 5 g
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91.3%; Pred. No. 2.8¢
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RESULT 478
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Mutation of rad51 gene and its use in the diagnosis predisposition to breast cancer

Patent: WO 0118254-A 13 15-MAR-2001;

THE DEPARTMENT OF HEALTH & HUMAN SERVICES (US)

Location/Qualifiers
                                                    Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                       Homo sapiens (human)
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Patent: WO 02072882-A 3675 19-SEP-2002,
OGHAM GmbH (DE)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                            Patent: EP 1281758-A
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Pred. No. 2.5e+02;
0; Mismatches 2;
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/organism="Homo sapiens"

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Sequence 5648 from Patent
AX692916
AX692916.1 GI:29415879
                                                                                                                                                           Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Sequence 5567 from Patent
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Taylor,K.D., Scheuner,M.T., Rotter,J.I. and )
Genetic test to determine non-responsiveness
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Sequence 5721 from Patent
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Weissman,S.M. and Jonsson,J.J.
Allele frequency differences method
Patent: US 6506562-A 7 14-JAN-2003;
Location/Qualifiers
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              Curagen
                         Novel polypeptides and nucleic acids encoding same Patent: WO 0144287-A 55 21-JUN-2001;
                                                  Shimkets, R.A.
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Cedars-Sinai Medical Center (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae
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Proteins and nucleic acids encoding same
Patent: WO 0216599-A 111 28-FEB-2002;
Curagen Corporation (US); COR THERAPEUTICS,
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Ossowski,L.
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/db xref="taxon:32630"
/note="2826468 expression probe primer"
/note 8 c 7 g 5 t
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                               Sequence 2866 from Patent AX117743 AX117743.1 GI:14034694
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Bartel,P.L. and Tavtigian,S.V.
MMSC1-an MMAC1 interacting protein
Patent: US 6337192-A 61 08-JAN-2002;
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/mol_type="genomic DNA"
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AX676183
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         Kirtsen, N. V., Hyldig-Nielsen, J.J. and Williams, B.F. Methods, kits and compositions pertaining to the suppression of detectable probe binding to randomly distributed repeat sequences in genomic nucleic acid in genomic nucleic acid patent: WO 03027328-A 7 03-APR-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Genotyping reagents, kits and methods of use thereof patent: WO 0129262-A 2866 26-APR-2001; Orchid BioSciences, Inc. (US)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="raxon:32630"
/noTe="Primer"
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Method to diagnose and treat pathological deficient ion transport Patent: JP 2001508291-A 38 26-JUN-2001; YALE UNIVERSITY OS Artificial Sequence PN JP 2001508291-A/38 PD 26-JUN-2001
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synthetic construct
artificial sequences.
1 (bases 1 to 21)
Lifton, R.P. and Simon, D.B.
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21 bp DNA linear PAT 27-AUG-
Method to diagnose and treat pathological conditions resulting 
deficient ion transport.
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Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
genomic nucleic acid
patent: WO 03027338-A 19 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
Location/Qualifiers
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/db xref="taxon:32630"
/note="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"
a 7 g 8 t
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7 c 2 g 4 t
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Sequence 19 from Patent WO9909054.
A99115
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Hardy,J.A. and Goate,A.M.
Mutant 5182 genes
Patent: US 5973133-A 11 26-OCT-1999;
Location/Qualifiers
                                   Falmagne, P., Wattiez, R., Bernard, A., Hermans, C. and Knoops, B. Peroxisome-associated polypeptide, nucleotide sequence encoding said polypeptide and their uses in the diagnosis and/or the treatment of lung injuries and diseases, and of oxidative stress-related disorders Patent: WO 9909054-A 19 25-FEB-1999; UNIV MONS HAINAUT (BE); FALMAGNE PAUL (BE); WATTIEZ RUDDY (BE)
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             BERNARD ALFRED (B
UNIV LOUVAIN (BE)
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31-DEC-1996 US 08/778052
31-DEC-1996 US 08/778052
RICHARD P LIFTON DAVID B SIMON
C12N15/09,C07K14/435,C07K16/00,C12N1/15,C12N1/19,C12N1/21, PC
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AR129533
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Bell,G.I., Yamagata,K., Oda,N., Kaisaki,P.J., Furuta,H.,
Horikawa,Y. and Menzel,S.
Mutations in the diabetes susceptibility genes hepatocyte nuclear factor (HNF) 1 alpha (.alpha.), HNF1.beta. and HNF4.alpha
Patent: US 6187533-A 122 13-FEB-2001;
                                                                                                      Compositions and methods for modulating hdl cholesterol and triglyceride levels
Patent: WO 0115676-A 17 08-MAR-2001;
University of British Columbia (CA); Xenon Genetics Inc. (CA)
Location/Qualifiers
                                                                                                                                                                                                                 Homo sapiens
                                                                                                                                                                                                                                                              Sequence 17 from Patent AX092605
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                                                                                                                                                                   Hayden, M.R.,
                                                                                                                                                                                                                            Homo sapiens (human)
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                                               /mol_type="genomic DN
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/mol_type="genomic DNA"
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AX117707
AX117707.1
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UNIVERSITE CATHOLIQUE DE LOUVAIN, UNIVERSITE DE
OS UNICHENTIFLEC
PN JP 2001514874-A/16
PD 18-SEP-2001
PP 20-AUG-1998 JP 2000509732
PR 20-AUG-1998 JP 2000509732
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Patent: WO 0129262-A 2830 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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                        G01N33/566//C07K16/18,C12N15/00,A61K37/02,C12N5/00
                                                               A61P25/28, A61P29/00, A61P37/08, C07K14/435, C12N5/10, C12Q1/68,
                                                                                                       A61P9/10, A61P11/06, A61P17/04, A61P19/08, A61P19/10, A61P21/00, PC
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Conservative
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 5563 from Patent
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutelsostomi;
Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 5569 from Patent
AX692837
AX692837.1 GI:29415800
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Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                   Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                        Patent: EP 1281758-A 5563 05-FEB-2003; Aeomica, Inc. (US)
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic_DNA"
/db_xref="taxon:32644"
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Patent: EP 1281758-A 5572 05-FEB-2003;
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                                                                  Patent: EP 1281758-A 5663 05-FEB-2003;
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
4 c 5 g 1
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/mol_type="genomic DNA"
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Scheffler, I.E.
Mammalian artificial chromosomes and methods
Patent: US 6133503-A 8 17-OCT-2000;
Location/Qualifiers
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AR116725
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21; Conservative
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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             GTAGAGACAGGGTTTCACC 2283
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AR208407
AR208407.1
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Agrawal, S. and Kandimalla, E.R.
Pseudo-cyclic oligonucleobases
Patent: US 6383752-A 25 07-MAY-2002;
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Agrawal,S. and Kandimalla,E.R.
Pseudo-cyclic oligonucleobases
Patent: US 6383752-A 24 07-MAY-2002;
                                                                    Unknown.
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Unclassified.
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Agrawal, S. and Kandimalla, E.R.
Pseudo-cyclic oligonucleobases
Patent: US 6383752-A 23 07-MAY-2002;
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Freier, S.M.
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Agrawal, S. and Kandimalla, E.R.
Pseudo-cyclic oligonucleobases
Patent: US 6383752-A 26 07-MAY-2002;
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                                   Polymorphisms in the human hmg-coa reductase Patent: WO 0079003-A 51 28-DEC-2000; AstraZeneca UK Limited (GB)
                                                                                                          synthetic construct
synthetic construct
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                                                                     March, R.E. and Thornton, S.M.
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Scheffler, I.E.
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/mol_type="genomic DNA"
/db xref="taxon:32630"
/noTe="Primer"
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Evans, G.A. and Smith, M.W.
Method for generation of sequence sampled maps of complex genomes
Patent: US 5851700-A 257 22-DEC-1998;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae
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/db_xref="taxon:32630"
/note="PCR primer"
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/mol_type="genomic DNA"
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Teng, D.H.-F., Tavtigian, S.V., Perry, W.L. III and Skolnick, M.H. Specific mutations of map kinase 4 (MKK4) in human tumor cell identify it as a tumor suppressor in various types of cancer Patent: US 5989885-A 11 23-NOV-1999;
                                                                                                                                                                                                                                                                                                                  Genotyping reagents, kits and methods of use Patent: WO 0129262-A 1197 26-APR-2001; Orchid BioSciences, Inc. (US)
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            Homo sapiens
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
                     Homo sapiens (human)
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Primer"
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AX259785
AX259785.1 GI:16508859
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                                                                                                                   Homo sapiens (human)
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Primers for identifying typing or classifying nucleic acids
Patent: WO 0065088 A 452 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
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Ibd-related polymorphisms
Patent: WO 0142511-A 1707 14-JUN-2001;
WHITCHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
Biotherapeutics Corporation (CA)
Location/Qualifiers
                            Hugot, J.P., Thomas, G., Zouali, M., Lesage, S. and Chamaillard, M. Genes involved in intestinal inflammatory diseases and use the Patent: WO 0172822-A 12 04-OCT-2001;
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Fondation Jean Dausset-Ceph (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae,
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452 from Patent WO0065088
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:9606"
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                                                                                                                                                         Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                Patent: EP 1281758-A 5647 05-FEB-2003;
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/mol_type="genomic DNA"
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Score 18.8; DB 1; Pred. No. 3.1e+02;
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Sequence 13 from Patent WO9849324.
A83584
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LOCALION/Qualifiers
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Mammalia; Eutheria; Primates;
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Pred. No. 3.1e+02;
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A83598
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AR074937
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Kern, S.E. and Hahn, S.A.
DPC4 polypeptide
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LOCALION/Qualifiers
                                                           Unknown.
Unclassified.
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Kern, S.E. and Hahn,
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nt: US 5814457-A 70 29-SEP-1998;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Dong, J.-T., Barrett, J.Carl., Lamb, P.W. and Isaacs, J.T.
Diagnostic methods and gene therapy using reagents derived human metastasis suppressor gene KAII
Patent: US 6204000-A 12 20-MAR-2001;
AR195440
Seguence 18
                                                                                                                                                                          1 (bases 1 to 20)
Miraglia, L.J., Nero, P., Graham, M.J. a
Antisense oligonucleotide modulation
Patent: US 6238921-A 27 29-MAY-2001;
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Monia,B.P., Gaarde,W.A., Freier,S.M. and Antisense modulation of TERT expression Patent: US 6492171-A 82 10-DEC-2002;
Location/Qualifiers
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AR266075
                               Braun, A., Koester, H., van den Boom, D., Ping, Y., Chiu, N. and Jurinke, C.
Methods for generating databases and databases i polymorphic genetic markers
Patent: WO 0127857-A 53 19-APR-2001;
Sequenom, Inc. (US)
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1 (bases 1 to 20)
Weston, B.W. and Hiller, K.M.
Antisense human fucosyltransferase sequences
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Roga, H.

Primer For synthesizing full-length cDNA and use thereof Patent: JP 2002017375-A 3436 22-JAN-2002;

HELIX RESEARCH INSTITUTE
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Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
                                                                                                                                                                                     unidentified
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AX360256
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          YURI KAWAI,AI WAKAMATSU,TOMOYASU SUGIYAMA,KEIICHI NAGAI,
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                               07-JUL-2000 JP 2000253172
TOSHIO OTA,TETSUO NISHIKAWA,TAKAO ISOGAI,KOJI HAYASHI,SHIZUKO
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                                                                                /organism="unidentified
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
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Leonard, W.J., Noguchi, M. and McBride, O. Wesley.
Methods for diagnosis of XSCID and kits thereof
Patent: US 551880-A 25 21-MAY-1996;
Location/Qualifiers
Tumor suppressor gene, DPC4
Patent: US 5712097-A 70 27-JAN-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                    Length polymorphisms in (dC-dA).sub.n.(dG-dT).sub.n method of using the same Patent: US 5582979-A 341 10-DEC-1996; Location/Qualifiers
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                               1 (bases 1 to 20)
Kern, S.E. and Hahn, S.A.
                                                                           Unknown.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                  Au,K.G., Chen,J.G., Patil,N. and Thomas,D. Genetic compositions and methods
Patent: WO 0134840-A 315 17-MAY-2001;
GLAXO GROUP LIMITED (GB); Affymetrix, Inc.
Location/Qualifiers
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Sequence 315 from Patent
AX146124
AX146124.1 GI:14284642
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1 (bases 1 to 21)
Ichiro,O., Ichiro,N. and Hiroshi,Y.
Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein
Patent: JP 2000023671-A 2 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/A
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AL Patent: JP 2000023571-A 3 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/3
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA,ICHIRO NAKAYAMA,HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00
CC
FH Key Location/Qualifiers
FT source //crjanism='Artificial Sequence'.
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1 (bases 1 to 21)
1 (chiro,0., Ichiro,N., and Hiroshi,Y.,
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E31630.1 GI:13018540
JP 2000023671-A/3.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
5 c 7 g
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Pred. No. 46
                                                                                                                                         Score 18.4; DB Pred. No. 4e+02;
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artificial sequences.

CE 1 (bases 1 to 22)

RS Ichiro,O., Ichiro,N. and Hiroshi,Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein and primer to be used therein NATIONAL RESEARCH INSTITUTE OF AQUACULTURE OS Artificial Sequence PN JP 2000023671-A/S PD 25-JAN-2000
PP 10-JUL-1998 JP 1998195692
PR CC12N15/09,C12Q1/68,C12N15/00
CC Location/Qualifiers
FT source 1.22
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E31632.1 G::3018542
TD 200000757: 1018542
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/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein
Patent: JP 2000023671-A 6 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 200023671-A/6
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JP 2000023671-A/6.
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/db_xref="taxon:32630"
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/mol type="genomic DNA"
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Location/Qualifiers
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Pred. No. 3.8e+02;
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E31634.1 GI:13018544 JP 2000023671-A/7.

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El (bases 1 to 22)

S Ichiro, O., Ichiro, N. and Hiroshi, Y.
Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein
AL Patent: JP 2000023671-A 7 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
OS Artificial Sequence
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PD JP 2000023671-A/7
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PR PI ICHIRO OHARA,ICHIRO NAKAYAMA,HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00
CC
FH Key Location/Qualifiers
FT source /organism='Artificial Sequence'.
                                                                                                     artificial sequences.

E 1 (bases 1 to 22)

E 1 (bases 1 to 22)

E 1 (bases 1 to 22)

S Ichiro,O., Ichiro,N. and Hiroshi,Y.

Method for distinguishing eucaryotic individual based on F print with the use of restriction primer of inter-SINE seq and primer to be used therein

L Patent: JP 2000023671-A 8 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
OS Artificial Sequence
PN JP 2000023671-A/8

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PF 10-JUL-1998 JP 1998195692

PG C12N15/09,C12Q1/68,C12N15/00

CC
FH Key

FT source

1. 22

/organism='Artificial Sequence'.
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JP 2000023671-A/8.
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                                                                                    /organism='Artificial Location/Qualifiers
           /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
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Pred. No. 3.8e+02;
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Best Local S
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Best Local
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synthetic construct
artificial sequences.

CE 1 (bases 1 to 22)

RS Ichiro, O., Ichiro, N. and Hiroshi, Y.
Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein
AL Patent: JP 2000023671-A 9 25-JAN-2000;
NATIONAL RESERRCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 200003671-A/9
PP 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PF CC12N15/09,C1201/68,C12N15/00
CC
FH Key
Location/Qualifiers
FT source
//organism='Artificial Sequence'.
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synthetic construct synthetic construct artificial sequences.

1 (bases 1 to 22)

1 (chiro, O., Ichiro, N. and Hiroshi, Y. Method for distinguishing eucaryotic individual based print with the use of restriction primer of inter-SINE and primer to be used therein patent; JP 2000023671-A 10 25-JAN-2000;
                                                                                                                                                                                             22 bp DNA linear PAT 18-JUN-2001 Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.
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E31637.1 GI:13018547
JP 2000023671-A/10.
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19; Conserv
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E31636.1 GI:13018546
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 3.8e+02;
0; Mismatches 1
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Pred. No. 3.
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Mismatches 1
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CE 1 (bases 1 to 2)

CE 1 (bases 1 to 2)

RS Ichiro, O., Ichiro, N. and Hiroshi, Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent: JP 2000023671-A, 11 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN JP 2000023671-A/11
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00
CC
FH Key

Location/Qualifiers
FT source

/organism='Artificial Sequence'.
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OS Artificial Sequence
PN JP 2000023671-A/10
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YAS
PC C12N15/09,C12Q1/68,C12N15/00
CC
FH Key Location/Qualifiers
FT SOURCE 1..22
FT SOURCE /organism='Artificial Se
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larity 95.0%;
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/db_xref="taxon:32630"
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)_xref="taxon:32630"
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individual based on PCR finger
rimer of inter-SINE sequences
                                                                                      Length 22;
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VERSION
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E31639
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VERSION
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Query Match
Best Local S
Matches 19
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Best Local Similarity
Matches 19; Conserv
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OS Artificial Sequence
PN JP 2000023671-A/12
PD 25.JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA,ICHIRO NAKAYAMA,HIROSHI YAS
PC C12N15/09,C12Q1/68,C12N15/00
CC FH Key Location/Qualifiers
FT Source 1. 22
FT Source /organism='Artificial Se
     al Similarity
19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence
AX609024
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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1 (bases 1 to 22)

1 (chiro,O., Ichiro,N. and Hiroshi,Y.

1 Ichiro,N. and Hiroshi,Y.

2 Ichiroshi,Y.

2 Ichiro,N. and H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E31639

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences
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E31639.1 GI:13018549
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                                                                                                                                                                                                                                                                                                                                                   Cullen, P. and Seedorf, U.
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     Conservative
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                                                                                                        /organism="Homo sapiens
/mol_type="genomic DNA"
/db_xref="taxon:9606"
4 c 9 g
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6 c 7 g
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/mol_type="genomic DNA"
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                        95.0%;
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Score 18.4; DB 1;
Pred. No. 3.6e+02;
0; Mismatches 1
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AR154030
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Schumm, J.W. and Bacher, J.W.
Materials and methods for indentifying tandem repeat DNA markers
Patent: US 6238863-A 80 29 MAY-2001;
                                                                  repeat DNA marker
Patent: JP 2002502606-A 80 29-JAN-2002;
PROMEGA CORP
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Schumm, J.W. and Bacher, J.W.
Material and method for spe
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BD130136
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04-FEB-1999 JP 2000530608

04-FEB-1998 US 09/018584

JAMES W SCHUMM, JEFFREY W BACHER

C12N15/09, C12Q1/68, C12N15/00

Strandedness: Single;
                                                                                                                      Material
                                                                                                                                Topology: Linear;
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JP 2002502606-A/80
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/organism='Unidentified'
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4 c 9 g
       /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 3.5e
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AR222091/c
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Sequence
A64524
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MacKenzie, A.E., Korneluk, R.G., Roy, N. and Ikeda, J.-E.
Neuronal apoptosis inhibitor protein causative of spinal muscular atrophy Patent: US 6429011-A 16 06-AUG-2002;
                                                                                                                                                                                                                                                  Sequence
AR222091
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           unidentified unidentified
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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RESULT 559

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Sequence
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Schumm, J.W. and Bacher, J.W.
Materials and methods for indentifying
tandem repeat DNA markers
Patent: US 6238863-A 96 29-MAY-2001;
                                                                                     BD130152
Material and method
                                                                                                                                                                                                                                                                                                                                    Daly,M., Hudson,T.J., Lander,E.S., Rioux,J. Ibd-related polymorphisms
Patent: WO 0142511-A 1887 14-JUN-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1887 from Patent AX184134
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unclassified
1 (bases 1 )
                                       BDI30152
BDI30152.1 GI:23225097
BDI3002502506-A/96.
                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens (human)
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                                                                                                                                                                                                                                                                                                                Biotherapeutics Corporation (CA)
                                                                                                                                                                                                                                                                                                                         WHITEHEAD INSTITUTE FOR BIOMEDICAL
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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REFERENCE
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Patent: JP 2002502606-A 96 29-JAN-2002;
Patent: JP 2002502606-A/96
OS Unidentified
PN JP 2002502606-A/96
PN JP 2002502606-A/96
PN JP 2002502606-B/96
PF 04-FEB-1999 JP 2000530608
PR 04-FEB-1999 US 09/018584
PR 04-FEB-1999 UP 2000530608
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Unknown.
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AR146837
AR146837.1
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MCKAy,R., Freier,S.M. and Wyatt,J.
Antisense modulation of casein kinase
Patent: US 6455307-A 18 24-SEP-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                      l Similarity 100.0%; P
18; Conservative 0;
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10 c 4 g
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
7 c 6 g
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AR242941/c
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Matches 18
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Method for identifying HPV in Method for identifying HPV in Patent: UP 2001321168-A 68 20 TOSHIYUKI SASAGAWA

OS Artificial Sequence PN JP 2001321168-A/68 PD 20-NOV-2001 P 200014060 PF 12-MAY-2000 JP 200014060 PF TOSHIYUKI SASAGAWA PC C12N15/09,C12Q1/68//G011 CC r:a/g, w:a/t, y:c/t, k:g CC Designed peptide based of the post of
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An,G., O'Hara,S.Mark., Ralph,D. and Veltri,R.
Biomarkers and targets for diagnosis, prognosis and management prostate, breast and bladder cancer Patent: US 6218529-A 87 17-APR-2001;
Location/Qualifiers
Unclassified.
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                                                                                                                                             Sequence 87 from patent AR242941
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Method for identifying HPV
BD085495
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1 (bases 1 to 22)
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C12N15/09,C12Q1/68//G01N33/569
T:a/g, w:a/t, y:c/t, k:g/t
Designed peptide based on HPV virus
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                                                                                 Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F. Methods, kits and compositions pertaining to the sujudetectable probe binding to randomly distributed rein genomic nucleic acid patent: WO 03027328-A 6 03-APR-2003;
Boston Probes, Inc. (US), DakoCytomation Denmark A Location/Qualifiers
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AX384993
AX384993.1 GI:19578121
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Patent: US 6475739-A 87 05-NOV-2002;
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/mol_type="genomic DNA"
/db_xref="texoon.32630"
/note="PCR primer"
                         /organism="synthetic construct
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
jacent: WO 03027328-A 25 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
Location/Qualifiers
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Sequence 25 from Patent
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Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
patent: WO 03027328-A 18 03-APR-2003;
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/note="Description of Combined DNA/RNA Molecule:Synthetic
/note="Becription of Combined DNA/RNA Molecule:Synthetic
Oligomer Sequence-Synthetic Probe Sequence"
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Location/Qualifiers
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Munroe, D.J. and Housman, D.E.
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/mol_type="genomic DNA"
/db_xref="taxon:45372"
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Bennett, C.F., Freier, S.M. and Watt, A.T.
Antisense modulation of phospholipase A
(Ca2+-independent) expression
Patent: US 6410325-A 18 25-JUN-2002;
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AX116951.1 GI:14033893
Putting trainer
Patent: US 6503152-A 95 07-JAN-2003;
Location/Qualifiers
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/mol type="genomic DNA"
/db xref="taxon:32630"
/noTe="Primer"
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Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D., Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
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Hammond,H., Heys,F., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
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SOURCE
ORGANISM
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AX188411
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Sequence 30
AX188411
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Sequence 1855
AX184102
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        BD089312
A method of arraying genome
BD089312
BD089312.1 GI:22634922
JP 2001321190-A/1556.
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                                                                                                                                                                      l Similarity
18; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                                                                                                                                                                                                                                 synthetic construct synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Daly,M., Hudson,T.J., Lander,E.S., Rioux,J.
Ibd-related polymorphisms
Patent: WO 0142511-A 1855 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
                                                                                                                                                                                                                                                                                                                                                                                   artificial sequences.
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                                                                                                                                                                                                                                             /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
                                                                                                                                                                                                                     /note="primer FVR510F"
3 c 8 g
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/db_xref="taxon:9606"
5 c 2 g
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Pred. No. 5e+C
O; Mismatches
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Pred. No. 5e+02;
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BD106243
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BD106243
BD106243. GI:23201061
JP 2002501376-A/258.
Chlamydia sp.
Chlamydia sp.
Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae;
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18; Conserv
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PN
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PR 15-APR-1997 US 60/043553,05-JUN-1997
JOHN ANDREW TODD, JOHN WILFRED HESS,CHARLES
THOMAS CASKEY,ROGER
                                                                                                                                                                                                                                                                  Novel LDL-receptor
Patent: JP 2002501376-A
THE WELLCOME TRUST LTD F
                                                                                                                                                                                                                                                                                                       1 (bases 1 to 20)
Todd, J.A., Hess, J.W.,
and Hey, P.
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                                                                                                                        DAVID COX.
DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
C12N15/12,C12N15/11,C12Q1/68,C07K14/705,C07K16/28,A61K38/17,
A61K39/395,
                                                                                                                                                                                                                             JP 2002501376-A/258
15-JAN-2002
                                                                                                Strandedness: Single;
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JP 2001321190-A/1556
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                                                                                    opology: Linear;
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/organism="Chlamydia sp."
/mol_type="genomic DNA"
/db_xref="taxon:35827"
7 c 4 g 6
                                                            Location/Qualifiers
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/mol type="genomic DNA"
/db_xref="taxon:32630" 4 t
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Location/Qualifiers
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Pred. No. 5e+02;
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Best Local Similarity
Matches 18; Conserv
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I31439
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Method for distinguishing eucaryotic individual based on PCR finge print with the use of restriction primer of inter-SINE sequences and primer to be used therein.
                                                                                                                                                                                                                 synthetic construct
synthetic construct
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E31640
E31640.1 GI:13018550
JP 2000023671-A/13.
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method of using the same
Patent: US 5582979-A 351 10-DEC-1996;
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                          /organism='Artificial Sequence'.
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2 c 7 g
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/mol_type="genomic DNA"
          organism="synthetic construct'
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AUTHORS
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                                    SOURCE
ORGANISM
                                                      ACCESSION
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                                                                                                                      RESULT
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AL PARENT UP 2000023671-A 14 25-UAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN UP 2000023671-A/14
PD 25-UAN-2000
PF 10-UUL-1998 UP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00
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synthetic construct synthetic construct artificial sequences.

1 (bases 1 to 22)
Ichiro,O., Ichiro,N. and Hiroshi,Y.
Method for distinguishing eucaryotic individual based
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E31642.1 GI:13018552
JP 2000023671-A/15.
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synthetic construct
artificial sequences.
1 (bases 1 to 22)
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5 c 7 g
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/mol_type="genomic DNA"
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Pred. No. 4.
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Pred. No. 4.5e+02;
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VERSION
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and primer to be used therein
AL Patent: JP 2000023671-A 15 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PV 2000023671-A/15
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PG C12N15/09,C12Q1/68,C12N15/00
CC LOCATION/Qualifiers
FT SOURCE 1. 22
FT SOURCE /organism='Artificial Sequence'.
                                                                                                                                                                                                                                                                                     synthetic construct

Mynthetic construct

artificial sequences.

E 1 (bases 1 to 22)

S Ichiro, O., Ichiro, N. and Hiroshi, Y.

Method for distinguishing eucaryotic individual based on p print with the use of restriction primer of inter-SINE seq and primer to be used therein

ATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

DP 2000023671-A/16

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09, C12Q1/68, C12N15/00

CC

FH Key

Location/Qualifiers

FT source

1. 22

/organism='Artificial Sequence'.
            2352 GATTACAGGCATGAGCCAC 2370
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Applying 22 bp DNA linear PAT 18-JUN-2001 Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.
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                                                                              Similarity
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                                                                                                                                    /mol_type="y=........../db_xref="taxon:32630"
/db_xref="taxon:7 g
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Pred. No. 4.5e+02;
0; Mismatches 1
                                                                              Score 17.4; DB 1;
Pred. No. 4.5e+02;
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Best Local S
Matches 18
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synthetic construct
synthetic construct
artificial sequences.

E 1 (bases 1 to 22)

I (chiro,O., Ichiro,N. and Hiroshi,Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein
and primer to be used therein
PATIONAL RESTARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 20000023671-A/18
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
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Method
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E31645.1 GI:13018555
JP 2000023671-A/18.
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E31644.1 GI:13018554
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22 bp DNA linear PAT 18-JUN-2001 dethod for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.
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/mol type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 4.5e+02;
0; Mismatches 1;
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TITLE
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Best Local :
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artificial sequences.

E 1 (bases 1 to 22)

E 1 (bases 1 to 22)

S Ichiro,O., Ichiro,N. and Hiroshi,Y.

Method for distinguishing eucaryotic individual based on print with the use of restriction primer of inter-SINE separate to be used therein

Patent: JP 2000023671-A 19 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN 2000023671-A/19
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-199
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E31647

22 bp DNA linear PAT 18-JUN-2001

Method for distinguishing eucaryotic individual based on PCR finger
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E31646.1 GI:13018556
JP 2000023671-A/19.
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Method for distinguishing eucaryotic individual based on PCR
print with the use of restriction primer of inter-SINE seque
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C12N15/09,C12Q1/68,C12N15/00
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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Pred. No. 4.5e+02;
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Pred. No. 4.5e+02;
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REFERENCE
AUTHORS
TITLE
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ORGANISM
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TITLE
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              CE 1 (bases 1 to 22)

CE 1 (bases 1 to 22)

RS Ichiro, O., Ichiro, N. and Hiroshi, Y.

RS Ichiro, O., Ichiro, N. and Hiroshi, Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent: JP 2000023671-A 21 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN JP 2000023671-A/21

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00

CC
FH Key

I. .22

FT SOURCE

//Organism='Artificial Sequence'.
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and primer to be used therein
Patent: JP 2000023671-A 20 25 JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/20
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASI
PC C12N15/09, C12Q1/68, C12N15/00
CC
FR Key Location/Qualifiers
FT source 1 . 22
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E31647.1 GI:13018557
JP 2000023671-A/20.
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E31648.1 GI:13018558
JP 2000023671-A/21.
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synthetic construct
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/organism='Artificial Sequence'.
Location/Qualifiers
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/db_xref="taxon:32630"
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94.7%;
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VERSION
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artificial sequences.

CE 1 (bases 1 to 22)

RS Ichiro, N. and Hiroshi, Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL PATENTIAL PEDANCH INSTITUTE OF AQUACULTURE

OS ARTIFICIAL Sequence

OS ARTIFICIAL SEQUENCE

PP 10-UUL-1998 JP 1998195692

PP 10-UUL-1998 JP 1998195692

PR PI ICHIRO OHARA,ICHIRO NAKAYAMA,HIROSHI YASUE

PC C12N15/09,C12Q1/68,C12N15/00

CC FH Key Location/Qualifiers

FT source /organism='Artificial Sequence'.
                                                                                                                                                                                                                         2352 GATTACAGGCATGAGCCAC 2370
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       E31650

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.

E31650
E31650.1 GI:13018560
JP 2000023671-A/23.

synthetic construct
synthetic construct
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and primer to
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Location/Qualifiers
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/mol type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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Pred. No. 4.5e+02;
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Pred. No. 4.5e+02;
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                                                                                                                                                       artificial sequences.

CE 1 (bases 1 to 22)

CE 1 (bases 1 to 22)

RS Ichiro, O., Ichiro, N. and Hiroshi, Y.

Rethod for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent; JP 2000023671-A, 24 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN JP 2000023671-A/24

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00

CC
FH Key

Location/Qualifiers

FT source

//Organism='Artificial Sequence'.
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Method for distinguishing sucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent: JP 2000023671-A 23 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN JP 2000023671-A/23
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR 1CHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00
CC C12N15/09,C12Q1/68,C12N15/00
FF Source 1..22
/organism='Artificial Sequence'.
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                                                  /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 4.5e+02;
   Score 17.4; DB 1;
Pred. No. 4.5e+02;
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AUTHORS
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AUTHORS
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    artificial sequences.

CE 1 (bases 1 to 22)

RS Ichiro, O., Ichiro, N. and Hiroshi, Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent: JP 200023671-A 25 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
OS Artificial Sequence
PD 25-JAN-2000
PF 10-UUL-1998 JP 1998195692
PF 10-UUL-1998 JP 1998195692
PF 10-UUL-1998 JP 1998195692
PF C C12N15/09,C12Q1/68,C12N15/00

CC LOCATION/Qualifiers
FT SOURCE 1. 22

//CYGANISM='Artificial Sequence'.
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 artificial sequences.

1 (bases 1 to 22)

Ichiro,O., Ichiro,N. and Hiroshi,Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein
Patent: JP 2000023671-A 26 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
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Pred. No. 4.5e+02;
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25-JAN-2000
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                                                                             /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"
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srificial sequences.

E 1 (bases 1 to 22)

E 1 (bases 1 to 22)

S Ichiro,O., Ichiro,N. and Hiroshi,Y.

Method for distinguishing eucaryotic individual based on print with the use of restriction primer of inter-SINE se and primer to be used therein

Patent: JP 2000023671-A 29 25-JAN-2000;

PATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR 1CHIRO OHARA,ICHIRO NAKAYAMA,HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00

FH Key Location/Qualifiers
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synthetic construct

synthetic construct

artificial sequences.

E 1 (bases 1 to 22)

S Ichiro, O., Ichiro, N. and Hiroshi, Y.

Method for distinguishing eucaryotic individual based on print with the use of restriction primer of inter-SINE se and primer to be used therein

L Patent: JP 2000023671-A 28 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

DY 2000023671-A/28

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PF 10-JUL-1998 JP 1998195692

PF 10-JUL-1998 JP 1998195692

PG C12N15/09,C12Q1/68,C12N15/00

CC C12N15/09,C12Q1/68,C12N15/00

FH Key Location/Qualifiers

FT Source /organism='Artificial Sequence'.
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JP 2000023671-A/29.
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22 bp DNA linear PAT 18-JUN-2001
Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
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E31655.1 GI:13018565
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RS Ichiro, .. Ichiro, N. and Hiroshi, Y.

Rethod for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent; JP 2000023671-A, 30 SS-JAN-2000;

ARTIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN JP 2000023671-A/30

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00

CC
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//organism='Artificial Sequence'.
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18; Conservation
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BD174265.1 GI:28415604
WO 02062944-A/12.
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E31657.1 GI:13018567
JP 2000023671-A/30.
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Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.
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Pred. No. 4.5e+02;
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PN WO 10-P
PD 115-A
PF 01-F
PR 02-F
PR 1TETS
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PI YASU
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1 (bases 1 to 20)
Munroe, D.J. and Housman, D.E.
Munroe, D.J. are repetitive element-bubble
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TAKEDA CHEMICAL INDUSTRIES LTD, TETSUYA OTAKI, YASUSHI MASUDA, YOSHIHIRO TAKATSU,TAKUYA WATANABE,YASUKO TERAO,YASUSHI SHINTANI,
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C07K14/47,C07K14/705,C12N15/12,C12P21/02,C07K16/18,A61K67/027,
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02-FEB-2001 JP 01P 026820
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WO 02062944-A/12
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Location/Qualifiers
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Pred. No. 5.2e+02;
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AR128062/c
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Sequence
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                               1 (bases 1 to 22)
Plevy.S.E., Targan,S.R., Taylor,K. and Barry,M.J.
Methods of diagnosing clinical subtypes of crohn's disease with
characteristic responsiveness to anti-Th1 cytokine therapy
Patent: US 6183951-A 1 06-FEB-2001;
Location/Qualifiers
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Plevy,S.E. and Targan,S.R.
Methods of diagnosing a medically resistant clinical subtype of ulcerative colitis
Patent: US 5968741-A 1 19-OCT-1999;
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Plevy,S.E., Rotter,J.I., Targan,S.
Methods of screening for Crohn's
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Location/Qualifiers
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organism="unknown" 5 g
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Pred. No. 4.7e+02;
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Best Local Similarity 86.4%;
Matches 19; Conservative
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                                                                                                                                                                  Taylor, K.D., Rotter, J.I. and Yang, H. Methods of using a major histocompatibility haplotype to diagnose crohn's disease Patent: WO 0120016-A 28 Z2-MAR-2001; CEDARS-SINAI MEDICAL CENTER (US)
                                                                                                                                                                                                                                                                                                       AX098591 22 bp
Sequence 28 from Patent WO0120036
AX098591 GI:13537855
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Patent: US 6534263-A 1 18-MAR-2003;
Location/Qualifiers
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1 (bases 1 to 22)

1 (bases 1 to 22)

Plevy,S.E., Rotter,J.I., Targan,S.R., Toyoda,H. and Yang,H.
Methods of screening for Crohn's disease using TNF microsatellite
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
               TCTGTTACCCAGGCTGGAGTGC 2136
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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RESULT 607

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Sequence 94
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AR162414.1
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Bodnar, J.S., Castellani, L.W., Chatterjee, A., de Jong, P., Lusis, A.J., Ohmen, J., Ross, D., Tafuri, S. and Wu, C. Gene and sequence variation associated with cancer Patent: WO 0220848-A 209 14-MAR-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 20)
Sidransky,D.
Detection of neoplasia by analysis of
Patent: US 6235470-A 155 22-MAY-2001;
Location/Qualifiers
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AR152875
                                                                                                                                         Sequence 209 from Patent AX477118
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Zhang, H. and Cowsert, L.M.
Antisense modulation of caspase 8 expression
Patent: US 6258600-A 94 10-JUL-2001;
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Detection of neoplasia by analysis of saliva
Patent: JP 2002505888-A 155 26-FEB-2002;
THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
OS Artificial Sequence
PN JP 2002505888-A/155
PD 26-FEB-2002
PF 10-MAR-1999 JP 2000535774
PR 10-MAR-1998 US 09/038637
PI DAVID SIDLANSKI
PC C12N15/09,C12Q1/68,C12N15/00
CC nucleotide
FH Key
Location/Qualifiers
FT source 1..20
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THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
LOCALION/Qualifiers
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1 (bases 1 to 20)
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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                                                                                                                  expression Patent: US 6130088-A 38 10-OCT-2000;
                                                                                                                                                   1 (bases 1 to 20)
Monia, B.P. and Cowsert, L.M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unclassified.

1 (bases 1 to 20)

Dean, N.M., McKay, R.,
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Location/Qualifiers
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/db_xref="taxon:32630"
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3 1 (bases 1 to 20)
$ Sidransky D.
$ Sidransky D.
Detection of neoplasia by analysis of saliva
AL Patent: US 6235470-A 135 22-WAY-2001;
Location/Qualifiers
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Baker, B.F. and Cowsert, L.M.
Antisense inhibition of rank expression
Patent: US 6171860-A 81 09-JAN-2001;
Location/Qualifiers
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Baker, B.F. and Cowsert, L.M.

Antisense inhibition of rank expression
Patent: US 617,860-A 80 09-JAN-2001;
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AR154609
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Zhang, H. and Cowsert, L.M.
Antisense modulation of caspase 8 ex
Patent: US 6258600-A 95 10-JUL-2001;
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Miraglla,L.J., Nero,P., Graham,M.J. and
Antisense oligonucleotide modulation of
Patent: US 6238921-A 26 29-MAY-2001;
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Bennett, C.F., Freier, S.M. and Watt, A.T.
Antisense modulation of phospholipase A2,
(Ca2+-independent) expression
Patent: US 6410325-A 17 25-JUN-2002;
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Dean,N.M., McKay,R., Miraglia,L. and Baker,B.
Antisense oligonucleotide compositions and methods for the modulation of activating protein 1
Patent: US 6312900-A 25 06 NOV-2001;
                                                                                                                                                                                                                                                                                                                                                                     1 (bases 1 to 20)
Monia,B.P. and Wyatt,J.
Antisense inhibition of Phosphorylase kinase
Patent: US 6368856-A 76 09-APR-2002;
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Zhang,H. and Wyatt,J.
Antisense modulation of BH3 interacting
                                                                                                                                                           Patent: WO 0146260-A 16 28-JUN-2001;
Bristol-Myers Squibb Co. (US)
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16 from Patent WO0146260
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                                                                                           /organisme"synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
/note="JNF14 PRIMER"
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4 c 9 g
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RESULT 624 AX195352/c

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JP 2001513996-A/25.
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Sequence 31 from Patent
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Sequence
AX195352
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                                                                                                                                                                                                                                                                                                                                                               synthetic construct synthetic construct
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent: WO 0151631-A 56 19-JUL-2001;
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Bros, Matthias (DE)
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/mol type="genomic DNA"
/db_xref="taxon:32630"
/note="amorce PCR"
5 c 5 g 5 t
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/db_xref="taxon:32630"
/note="artificial sequence"
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Query Match
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Matches 18; Conserve
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Antisense oligonucleotide specific to MDM2
Patent: JP 2001513996-A 25 11-8EP-2001;
HYBRIDON INC
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JP 2001321190-A/1261.
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JIANDONG CHEN,SUDHIR AGRAWAL,RUIWEN ZHANG
PC C12N15/09,A61K31/47,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,
PC C12N15/00
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JP 2001513996-A/25
11-SEP-2001
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Antisense oligonucleotide specific to
Location/Qualifiers
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JP 2001321190-A/1261
20-NOV-2001
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22-AUG-1997 US 08/9163
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                                                                                 /organism='Artificial Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
6 c 2 g
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/db_xref="taxon:32630"
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BD134311/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        al Similarity
18; Conserv
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1 (bases 1 to 20)
Sidlanski,D.
                                              synthetic construct artificial sequences.
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PC
C12N15/09, C07K14/47, C07K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/
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SHINICHI KOJIMA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Koga, H. Primer for synthesizing full-length cDNA and use thereof Patent: JP 2002017375-A 3457 22-JAN-2002;
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Ota,T., Nishikawa,T.,
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BD128026.1 GI:23222971
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Primer for synthesizing
                                                                                                                                                                                   Detection of neoplasia by BD134311
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Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
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                                                                                                    synthetic construct
                                                                                                                             JP 2002505888-A/135.
                                                                                                                                                        BD134311.1 GI:23229256
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Description of Artificial Sequence: an artificially CC
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22-CAN-2002
07-JUL-2000 JP 2000253172
TOSHIO OTA,TETSUO NISHIKAWA,TAKAO ISOGAI,KOJI HAYASHI,SHIZUKO
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Location/Qualifiers
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/mol_type="genomic DNA"
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Pred. No. 5.6e+02;
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Pred. No. 5.
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Patent: JP 2002505888-A 135 26-FEB-2002;
THE JOHNS HORKINS UNIVERSITY SCHOOL OF MEDICINE
OS Artificial Sequence
PN JP 2002505888-A/135
PD 26-FEB-2002
PF 10-MAR-1999 JP 2000535774
PF 10-MAR-1999 US 09/038637
PI DAVID SIDLANSKI
PC C12N15/09,C12Q1/68,C12N15/00
CC nucloetide
FT Source Jorganism-'Artificial Sequence
FT source Jorganism-'Artificial Sequence
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.:
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 26 26-MAR-2002;
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BD138100
BD138100.1 GI:23233045
JP 2002508944-A/26.
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  Conservative
                                                                                                                                                         ocation/Qualifiers
                                                                                                                                                                   Topology: Linear;
Antisense modulation of human
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                                                                                                                                                                                                                                                                                   26-MAR-1998 US 09/0488
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                  /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
3 c 2 g
                                                                                                             /organism='Unidentified'
Location/Qualifiers
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Sequence
AR154017
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Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                        AX183700
Sequence 1453 from Patent
AX183700
                                                                                                                                                                                                                                                                1 (bases 1 to 21)
Schumm, J.W. and Bacher, J.W.
Materials and methods for indentifying tandem repeat DNA markers
Patent: US 6238863-A 112 29-MAY-2001;
                                                                                                                                                                                                                                                                                                                                                                             AR154062
Sequence 112 from patent
AR154062
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Schumm, J.W. and Bacher, J.W.
Materials and methods for indentifying tandem repeat DNA markers
Patent: US 6238863-A 67 29 MAY-2001;
                                                                                                                                                                                                                                                                                                                                    Unknown
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                                               AX183700.1 GI:15135022
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Pred. No. 5.3e+02;
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Pred. No. 5.3e+02;
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synthetic construct
artificial sequences.

E 1 (bases 1 to 21)

S Lifton,R.P. and Simon,D.B.
Method to diagnose and treat pathological conditions res
deficient ion transport
L Patent; JP 2001508291-A 51 26-JUN-2001;
PALE UNIVERSITY
OS Artificial Sequence
PN JP 2001508291-A/51
PD 26-JUN-2001
PD 26-JUN-2001
PD 26-JUN-2001
PF 19-DEC-1996 US 08/778052
PR 31-DEC-1996 US 08/778052
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repeat DNA marker.
BD130123
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Location/Qualifiers
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Patent: WO 0142511-A 1453 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Ellipsis
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pp 2001508291-A/51
p 2001508291-A/51
26-JUN-2001
19-DEC-1997 JP 1998530123
19-DEC-1996 US 08/778052
31-DEC-1996 US 08/778052
RICHARD P LIFTON DAVID B SIMON
C12N15/09,C07K14/435,C07K16/00,C12N1/15,C12N1/19,C12N1/21, PC
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                           and method for specifying and analyzing medium-size tandem
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/mol type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Pred. No. 5.3e+02;
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Pred. No. 5.3e+02;
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BD130168/c
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PN JP 20025
PD 29-JAN-2
PF 04-FEB-1
PR 04-FEB-1
PI JAMES W
PC C12N15/0
CC Stranded
CC Topology
CC Material
CC Material
CC DNA mark
FH Key
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Schumm, J.W. and Bacher, J.W.
Material and method for spe
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Patent: JP 2002502606-A 112 29-JAN-2002;
                                                                                                                                                                                                                                                                                                                                         Material and method for
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Schumm, J.W. and Bacher, J.W.
Material and method for specifying and analyzing medium-size tandem
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JP 2002502606-A/67.
unidentified
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                                                                                                 29-JAN-2002
04-FEB-1999 JP 2000530608
04-FEB-1998 US 09/018584
04-FEB-1998 US 09/018584
JAMES W SCHUMM, JEFFREY W BACHER
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04-FEB-1998 US 09/018584
JAMES W SCHUMM, JEFFREY W BACHER
C12N15/09,C12Q1/68,C12N15/00
            DNA marker
Key
                                                                        C12N15/09,C12Q1/68,C12N15/00
Strandedness: Single;
                                                   Material
                                                               Topology: Linear
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JP 2002502606-A/112
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Material and method for
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/mol_type="genomic_DNA"
/db_xref="taxon:32644"
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AR089905/c
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Unknown.
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Chenchik, A., Jokhadze, G. and Bibilashvilli, R. Methods of assaying differential expression Patent: US 5994076-A 25 30-NOV-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 22)
Evans,G.A. and Smith,M.W.
Method for generation of sequence sampled
Patent: US 5851760-A 287 22-DEC-1998;
                                     . Similarity
18; Conser
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10 c 4 g
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/mol_type="genomic DNA"
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l (bases 1 to 22)
Chenchik, A., Jokhadze, G. and Bibilashvilli, R.
Methods of assaying differential expression
Patent: US 6499455-A 25 03-DEC-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                l (bases 1 to 22)
Chenchik, A., Jokhadze, G. and Bibilashvilli, R.
Methods of assaying differential expression
Patent: US 6352829-A 25 05-MAR-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Moore, K. and Nagle, D. Lynn. Methods and compositions for the diag weight disorders, including obesity Patent: US 6274339-A 92 14-AUG-2001;
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PF 12-MA
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18; Conserv
                                                                                                                                                         A method of arraying genome clone Patent: JP 2001321190-A 1521 20-NOV-2001; THE INSTITUTE OF PHYSICAL AND CHEMICAL RE
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BD089277.1 GI:22634887
JP 2001321190-A/1521.
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Location/Qualifiers
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Ibd-related polymorphisms
Patent: WO 0142511-A 2001 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RES
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JP 2001321190-A/1521
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                       Description of Artificial Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/organism='Artificial Sequence'
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AR092309
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AR011709
                                                                                                                      l (bases 1 to 20)
Lalouel,J.-M., Jeunemaitre,X., Lifton,R.P., Soubrie
Kotelevtsev,Y. and Corvol,P.
Method to determine predisposition to hypertension
Patent: US 5998145-A 19 07-DEC-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               18;
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Lalouel, J.-M., Jeunemaitre, X., Lifton, R.P., Soubrid Kotelevtsev, Y. and Corvol, P.
Method to determine predisposition to hypertension Patent: US 5763168-A 19 09-JUN-1998;
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8 c 5 g
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/mal_type="genomic DNA"
/db_xref="taxon:32630" 9 t
2 c 7 g 9 t
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Pred. No. 5.1e+02;
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AR119526/c
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AR122443/c
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1 (bases 1 to 20)

Lalouel, J.-M., Jeunemaitre, X., Lifton, R. Kotelevtsev, Y. and Corvol, P.
Method to determine predisposition to hy Patent: US 6165727-A 19 26-DEC-2000;
Location/Qualifiers
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AX117763
AX117763.1
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Sequence
AR122443
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AR119526
Picoult-Newburg,L. and Pohl,M. Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 2886 26-APR-2001; Orchid BioSciences, Inc. (US)
                                                                                                                                                                                                                                     l Similarity
17; Conserv
                                                                synthetic construct
synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                             Unknown.
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Lalouel, J.-M. and Jeunemaitre, X.
Method to determine predisposition t
Patent: US 6153386-A 19 28-NOV-2000;
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                                                     artificial sequences.
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Pred. No. 66
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Hiroteu,T., Karashi,H., Matsuhisa,A. and (PROBE FOR DIAGNOSIS OF INFECTIOUS DISEASE Patent: JP 1994133798-A 5 17-MAY-1994;
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Synthetic DNA for probe.
E07490
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                    I33083.1
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                                                                                                                                   GTTAGACCAAAGCCATTG 410
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I HIROTSU TAKUO, KARASHI HIROYUKI, MATSUHISA AKIO, ONO NORIYA
C12Q1/68,C12Q1/04,(C12Q1/04,C12R1:725);
C strandedness: Single;
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/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                    GI:1823874
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I80108/c
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Sequence 47
AX050293
AX050293.1
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180108
                                                                                   Shimkets,R.A., Fernandes,E. and Boldog,F. Secreted polypeptides and corresponding patent: WO 0070046-A 47 23-NOV-2000; Curagen Corporation (US)
                                                                                                                                                             synthetic construct
synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                         Ohno,T., Hirotsu,T., Keshi,H. and Matsuhisa,A.
Probe for diagnosing infectious diseases which hybridizes with DNA from candida albicans
Patent: US 5708159-A 5 13-JAN-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Angiotensinogen gene variants and predisposition to hypertension Patent: US 5589584-A 19 31-DEC-1996;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 20)
Lalouel, J.-M., Jeunemaitre, X.,
Kotelevtsev, Y. and Corvol, P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unclassified.
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                                                                                                                                                 artificial sequences.
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                      /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
 /note="chemically synthesized"
7 c 5 g .5 t
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4 c 5 g
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8 c 5 g
                                                                          ocation/Qualifiers
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from Patent WO0070046.
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Pred. No. 6e+02;
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Pred. No. 66
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A32358
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Best Local Similarity
Matches 17; Conserv
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Patent: JP 2002171990-A S 18-JUN-2002;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RI
OS Artificial Sequence
PN JP 2002171990-A/5
PD 18-JUN-2002
PF 08-DEC-2000 JP 2000375090
PI TAKEO YOSHIKAWA, EJJI HATTORI
PC C12N15/09, C12Q1/68, G01N33/53, G01N33/
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1 (bases 1 to 21)

Yoshikawa,T. and Hattori,E.

Polymorphism of upstream region of human clidentification method and reagent thereof,
                                                                                                                                               synthetic construct synthetic construct
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A32358
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PI TAKEO YOSHIKAWA, EIJI HATTORI
PC C12N15/09,C12Q1/68,G01N33/53,G01N33/566,C12N15/00 CC
Description of Artificial Sequence: upstream primer p5 FH
Location/Qualifiers
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                                                                       CELL LINEAGES EXPRESSING A BIOLOGICALLY ACTIVE IX FACTOR PATENT: WO 9102056-A 6 21-FEB-1991;
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                                                                                                                  artificial sequences.
1 (bases 1 to 21)
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a
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
                                                       Location/Qualifiers
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Pred. No. 5.7e+02;
n: Mismatches 1;
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Pred. No. 5.
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REFERENCE
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ORGANISM
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AR061829/c
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ORGANISM
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AR252820/c
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ACCESSION
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AR043896
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AR061829
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Location/Qualifiers
1. .21
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Jallat,S., Meulien,P., Pavirani,A.
Cell lines from a transgenic mouse active IX factor
                                                                                                                                                                                         1 (bases 1 to 21)
Schumm, J.W., Micka, K.A. and Rabbach, D.R.
Multiplex amplification of short tandem
Patent: US 5843660-A 21 01-DEC-1998;
                                                                                                                                                                                                                                          Unknown
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                                                                                                                                                                                                                                  Unclassified.
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4 c 7 g
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Pred. No. 5
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Pred. No. 5
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ACCESSION DEFINITION

21

from

patent US 6479235.

DNA

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RESULT 658
AX117258
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SOURCE
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ACCESSION
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AX119401
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Sequence 2381 from Patent
AX117258
                                                                                                                                                          Sequence 58 from Patent AX119401
                                                                                                                                                                                                                                                                                                                                                                                                                       Genotyping reagents, kits and methods of use thereof patent: WO 0129262-A 2381 26-APR-2001; Orchid BioSciences, Inc. (US)
Location/Qualifiers
                     Messiaen,L. and Callens,T.
Improved mutation analysis of the nfl gene
Patent: WO 0129251-A 58 26-APR-2001;
UNIVERSITEIT GENT (BE)
                                                                                                           Homo sapiens (human)
                                                                                                                                               AX119401.1 GI:14036320
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              synthetic construct
synthetic construct
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Schumm, J.W. and Sprecher, C.J.
Multiplex amplification of short tandem repeat loci
Patent: US 6479235-A 21 12-NOV-2002;
                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Picoult-Newburg, L. and Pohl, M.
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/mol type="genomic DNA"
/db xref="taxon:32630"
/noCe="Primer"
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Pred. No. 5.
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AX557297
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AX546456
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18; Conserv
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Patent: WO 02073197-A 25 19-SEP-2002;
McGILL UNIVERSITY (CA)
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AX557297
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synthetic construct
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Individualization of therapy with antipsychotics
Patent: WO 02073196-A 25 19-SEP-2002;
MCGILL UNIVERSITY (CA)
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                                               /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Sequence to be used as a Primer"
/note="sequence to be used as a Primer"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:9606"
4 c 8 g
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Patent WO02073196.
 Score 16.2; DB 1;
Pred. No. 5.9e+02;
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AX591117
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AX557406
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AX591117
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l Similarity 85.7%;
l8; Conservative
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AX557406
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Sequence to be used as a primer"
/note="sequence to be 7 t
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 5.9e+02;
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AX593010
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Sequence 23
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AX591117.1
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Multiple determinants for metabolic phenotypes
Patent: WO 02064816-A 23 22-AUG-2002;
McGILL UNIVERSITY (CA)
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Pred. No. 5.9e+02;
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Pred. No. 5.
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AX593150
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AX593485.1
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Sequence 25 from Patent WO02088753.
AXS93150
                                                                                Leyland-Jones,B.
Individualization of therapy with antineoplastic Patent: WO 02088714-A 25 07-NOV-2002;
MCGILL UNIVERSITY (CA)
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Patent: WO 02084288-A 23 24-OCT-2002;
McGILL UNIVERSITY (CA)
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Individualization of therapy with erectile
Patent: WO 02088753-A 25 07-NOV-2002;
MCGILL UNIVERSITY (CA)
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/db_xref="taxon:32630"
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/db_xref="taxon:32630"
/db_xsef="taxon:32630"
/note="Sequence to be used as a Primer"
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85.7%; Pred. No. 5.96
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Patent: WO 02093162-A 25 21-NOV-2002;
McGILL UNIVERSITY (CA)
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                              /note="oligonucleotide primer"
9 c 0 g 9 t
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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AX643865
synthetic construct
synthetic construct
artificial sequences
                                                                                                                                                                                         l Similarity
18; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Individualization of therapy with alzheimer's disease agents Patent: WO 02099422-A 25 12-DEC-2002; McGILL UNIVERSITY (CA)
                                   E03635.1 GI:2171850 JP 1992148678-A/1.
                                                          Synthetic DNA sequence E03635
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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AR215781
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AR154070/c
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POLYPEPTIDE
Patent: JP
DAI ICHI SE
OS Artifi
OC Artifi
OS Rattus
PN JP 199
PD 21-MAY
PF 12-OCT
PI SAKANC
                                                                                                                                                                                                                                                                                                                                Sequence
AR154070
AR215781
Sequence
AR215781
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Schumm, J.W. and Bacher, J.W.
Materials and methods for indentifying tandem repeat DNA markers
Patent: US 6238863-A 120 29-MAY-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 Similarity
18; Conserv
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PI SAKANO KATSUICHI, FUJIWARA HIROYUKI, AZUMABASHI NOBUYUKI,
WARUMOTO YASUWASA, SATO YOSHIO
PC C12N1/21,C07K7/10,C12N15/18//A61K37/02,C12P21/02,(C12N1/2)
C12R1.19),
                                                                                                                                                                                                                                                                                                Unknown
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                                                                                                                                                                                                                                                                        Unclassified.
                                                                                           TGAGACCGAGTCTTGCTCT
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ICHI SEIYAKU CO LTD
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Artificial sequence; (
Rattus gp. (rat)
JP 1992148678-A/1
21-MAY-1992
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nilarity 85.7%;
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hypothetical: No;
anti-sense: No;
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Location/Qualifiers
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7 c 4 g
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          from
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AR240977/c
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Unclassified.
1 (bases 1 to 20)
1 (bases 1 to 20)
Bennett, C.F. and Watt, A.T.
Antisense modulation of tumor necrosis factor receptor 2 expression
Patent: US 6410324-A 96 25-JUN-2002;
Location/Qualifiers
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AR242937
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AR240977
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Brunkow,M.E., Proll,S., Paeper,B. and Staehling-Hampton,K.
Methods for identifying genomic deletions
Patent: US 6475739-A 83 05-NOV-2002;
Location/Qualifiers
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17; Conserv
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Patent: US 6503754-A 52 07-JAN-2003;
Location/Qualifiers
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Monia, B.P., Gaarde, W.A., Freier, S.M. and Wancewicz, E.
Antisense modulation of TERT expression
Patent: US 6492171-A 75 10-DEC-2002;
Location/Qualifiers
Unknown.
Unclassified
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Zhang,H. and Wyatt,J.
Antisense modulation of BH3 interacting
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Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metz Nakagawa, Y., Phillips, M.S. and Twells, R.C.J. Receptor
                                                                               Picoult-Newburg,L. and Pohl,M. Genotyping reagents, kits and methods . Patent: WO 0129262-A 2905 26 APR-2001, Orchid BioSciences, Inc. (US)
                                                                                                                                                                                      AX117782
Sequence 2905 from Patent
AX117782
AX117782.1 GI:14034733
                                                                                                                                                                                                                                                                                                                                                                                                                                      Unclassified.
1 (bases 1 to 20)
Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D Hammond,H., Hey,P., Kawaguchi,Y., Merriman Nakagawa,Y., Phillips,M.S. and Twells,R.C. LDL-receptor
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Sequence 296 from patent
AR309446
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                                                                                                                                         artificial sequences.
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1. .20
           /note="Primer"
                       /organism="synthetic co
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 140 from Patent WO0153486.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: WO 0142511-A 1826 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
Biotherapeutics Corporation (CA)
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/mol type="genomic DNA"
/db_xref="taxon:32630"
/note="Synthetic Oligonucleotide
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/db_xref="taxon:9606"
1 c 5 g
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Patent: WO 0204508 A 14 17-JAN-2002;
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Patent: WO 0183749-A 550 08-NOV-2001;
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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de Villartay, J.P., Moshous, D. and
                          artificial
                                      synthetic construct synthetic construct
                                                                                       Sequence 17 from Patent AX573363
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/mol_type="genomic DNA"
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/db_xref="taxon:32630"
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Patent: JP 2001321190-A 1522 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="synthetic con
/mol type="genomic DNA"
/db_xref="taxon:32630"
/note="Primer Ex7F1"
a 1 c 9 g
                                                                                                                                                                                                                                                                                                     /organism='Artificial Sequence'
                                                                                                                                                                                                                                     /db_xref="taxon:32630"
2 c 8 g
                                                                                                                                                                                                                                                                  /organism="synthetic construct"
/mol_type="genomic nna"
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89.5%;
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Pred. No. 6.
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Pred. No. 6.
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                                        protein-coupled 
duction and use.
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BD106253
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synthetic construct
artificial sequences.
1 (bases 1 to 20)
Matsumoto, S., Oda, T., S
Suwa, M., Sugiyama, T., K
                                                                                                                                                                                                                                                                                                                                                                                                1 Similarity
17; Conserv
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PC C12N1
C07K16/28,
PC C12P2
                                                                      Novel LDL-receptor
Patent: JP 2002501376-A
THE WELLCOME TRUST LTD !
                                                                                                                             BDI06253.1 GI:23201071
UP 2002501376-A/268.
Chlamydia sp.
Chlamydia sp.
Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
1 (bases 1 to 20)
1 (bases 1, 20)
1 (bases 1, 20)
1 (bases 1, 20)
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YASUDA, YOSHIHISA INOUE
OS Artificial Sequence
PN WO 0148188-A/29
PD 05-JUL-2001
PF 28-DEC-2000 WO 2000JP009408
PR 28-DEC-1999 JP 99P 375152,31-MAR-2000 JP 00P 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Novel guanosine triphosphate-bound protein-coupled receptors and genes encoding them, and their production and use Patent: WO 0.148185-A 29 05-JUL-2001;
HELIX RESEARCH INSTITUTE, SHUNICHIRO MATSUMOTO, TAMAKI ODA, YOKO SAITO, NORIYUKI MORIKAWA, KENJI YOSHIDA, MAKIKO SUWA, TOMOYASU
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Key
JP 2002501376-A/268
15-JAN-2002
15-APR-1998 JP 1998543635
15-APR-1997 US 60/043553,05-JUN-1997
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28-DEC-2000 WO 2000JP009408
28-DEC-1999 JP 99P 375152,31-MAR-2000 JP 00P
28-DEC-1999 JP 99P 375152,31-MAR-2000 JP 00P
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C12N15/09,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C07K14/705,
                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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/mol_type="genomic DNA"
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6 c 4 g
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Pred. No. 6.6e
0; Mismatches
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                                                                        AS TRUSTEE TO THE
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6.6e+02;
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BD130176/c
LOCUS
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ORGANISM
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Best Local
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2099 TGAGACCGAGTCTTGCTCT 2117
                                                                                                                                                                                                                                                                                              repeat DNA marker
Patent: JP 2002502606-A 120
PROMEGA CORP
                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 20)
Schumm, J.W. and Bacher, J.W.
Material and method for specifying and analyzing
                                                                                                                                                                                                                                                                                                                                                                                             BD130176
BD130176.1 GI:23225121
JP 2002502606-A/120
                                                                                                                              unidentified
unidentified
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                                                                                                                                                                                                                                                                                                                                                                unclassified
                                                                                                                                                                                                                                                                                                                                                                                                                              repeat
                              Similarity
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                                                                                                                                                  DNA marker
Key
                                                                                                                                                                                                               04-FEB-1998 US 09/018584
JAMES W SCHUMM, JEFFREY W BACHER
C12N15/09, C12Q1/68, C12N15/00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DAVID COX,
DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
C12N15/12,C12N15/11,C12Q1/68,C07K14/705,C07K16/28,A61K38/17,
                                                                                                                                                                              Topology: Linear; Material and method for specifying and analyzing medium-size
                                                                                                                                                                                                                                         04-FEB-1999 JP 2000530608
04-FEB-1998 US 09/0185
                     Conservative
                                                                                                                                                                                                        Strandedness: Single;
                                                                                                                                                                                                                                                            Unidentified
JP 2002502606-A/120
29-JAN-2002
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                                                                                                                /organism='Unidentified'
                                                                                                                                                                                                                                                                                                                                                                                                                                         and method
                                                              /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
7 c 4 g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Chlamydia sp.
/mol_type="genomic DNA"
/db_xref="taxon:35827"
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                              0.7%;
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                              Score 15.8; DB 1. Pred. No. 6.6e+02.
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Pred. No. 6.
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                    Mismatches
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                                      Length 20;
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AR061203/c
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A45398/c
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Matches 17; Conserv
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1 (bases 21)
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1 (bases 1 to 21)
Jeffreys, A. John. and
                                                                    Unknown
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Busch, H., Benneto, C. Frank., Perlaky, L., Saijo, Y.
Oligonucleotide modulation of cell growth
Patent: US 5656743-A 11 12-AUG-1997;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
5 c 6 g
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Shipman,R., Leushner,J. and Dunn,J.M.
Shipman,R., Leushner,J. and Dunn,J.M.
Method and reagents for testing for mutations
Patent: US 6403303-A 61 11-JUN-2002;
Location/Qualifiers
                                                                                                                                                             Unknown.
Unknown.
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17; Conserv
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Lee,L.G., Graham,R.J., Mullah,K.B.
Non-fluorescent asymmetric cyanine
quenching reporter dyes
Patent: US 6348596-A 7 19-FEB-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence
AR194763
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Patent: US 5843647-A 68 01-DEC-1998;
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AR299016
Picoult-Newburg,L. and Pohl,M. Genotyping reagents, kits and methods of use thereof Patent: WO 0.129262-A 1201 26-APR-2001; Orchid BioSciences, Inc. (US)
                                                                                                              Sequence 1201 from Patent AX116078
                                                                                                                                                                                                                                        17; Conserv
                                                                                                                                                                                                                                                                                                                  1 (bases 1 to 21)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 11288 25-MAR-2003;
Location/Qualifiers
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 10751 25-MAR-2003;
                                                                synthetic construct
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                                                Patent: WO 0142511-A 1854 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RES
Biotherapeutics Corporation (CA)
Location/Qualifiers
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17; Conserv
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Sequence 1854 from Patent
AX184101
AX184101.1 GI:15135440
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                   Daly, M., Hudson, T.J., Lander, E.S., Rioux, J.
                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/organism="Homo sapiens'
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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Jensen, H., Jeppesen, M., Panitz, F., Svendsen, S.,
Bendixen, C.
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                                                            /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"
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Garcia-Valdecasas, J.J. and C.
GENE FOR FRIEDREICH'S ATAXIA
Patent: WO 9705234-A 87 13-FEB-1997;
IMPERIAL COLLEGE (GB)
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Sequence 87 from Patent WO9705234
A59537
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/mol_type="genomic DNA"
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AR316048/c
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Sequence
AR300719
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                         Grifais, R., Hoiseth, S.K., Zagursky, R.J., Sankaran, B. and Fletcher, L.D. Chlamydia pneumoniae polynucleotides and Patent: US 6559294, A 6585 06-MAY-2003;
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Sequence 152
AR233523
AR233523.1
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Detera-Madleigh, S.D., Yoshikawa, T., Sanders, A.R. and Esterling, L.E.

Polynucleotides encoding IMP.18p myo-inositol monophosphatase and

methods of detecting said polynucleotides

Patent: US 6498532-A 152 01-OCT-2002;

Location/Qualifiers
                                                                                                  Unknown
                                                                                                                                                                                                                                                                                                                                     Antisense inhibition of SAP-1 expression Patent: US 6537811-A 87 25-MAR-2003;
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Freier, S.M.
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l Similarity
16; Conserv
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Ibd-related polymorphisms
Patent: WO 0142511-A 1469 14-JUN-2001
                                                                                                                                                                                                                                   Sequence 1469 from Patent AX183716 AX183716.1 GI:15135040
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16; Conserv
                                                                                                          WHITEHEAD INSTITUTE FOR BIOMEDICAL Biotherapeutics Corporation (CA)
                                                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                  Homo sapiens
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Mammalia; Eutheria; Primates;
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                                         /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Matches 16; Conserv
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Aegilops tauschii
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Eurmatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Pooideae; Triticeae; Aegilops.
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Sequence 267 from
AX462523
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AX195347
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                                                                                                                                                                                                                                                                                                                       AX462523.1 GI:21885736
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Bros, Matthias (DE)
Location/Qualifiers
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Pattent: Ancelika (DE) ; Ross, Xiaolan
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/mol type="genomic DNA"
/db xref="taxon:32630"
/noTe="artificial sequence"
                                                                                                    /organism="Aegilops tauschii"
/mol type="genomic DNA"
/db_xref="taxon:37682"
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Diagnosis and treatment of cancer: 1
Patent: WO 02083945-A 23 24-OCT-2002;
IMPERIAL COLLEGE INNOVATIONS LIMITED
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Patent: JP 2001321190-A 2420 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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JP 2001321190-A/2420.
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/mol type="genomic DNA"
/db_xref="taxon:32630"
/note="primer sequence"
1 c 7 g 0 t
                                               /organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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Score 15.4; DB 1;
Pred. No. 7e+02;
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1 (bases 1 to 20)

1 (bases 1 to 20)

Dracopoli,N., Tucker,M. and Goldstein,A.
Methods for the diagnosis of a genetic pre
associated with variant CDK4 allele
patent: US 5714329-A 25 03-FEB-1998;
Location/Qualifiers

1 . . 20
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PD 19-SEP-2002
PF 17-MAY-2001 WO 2001JP004139
PR 12-MAR-2001 JP 01P 68285
PI EIICHI SOEDA
CC Description of Artificial Sequence
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Description of Artificial Sequence:
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                                                                                         /organism="unknown"
4 c 5 g
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/mol_type="genomic DNA"
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Unclassified.

1 (bases 1 to 20)

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McKay,R., Butler,M.M., Wyatt,J. and Cowsert,L.M.

Antisense modulation of pepck-cytosolic expression

Patent: US 6187545-A 109 13-FEB-2001;

Location/Qualifiers
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17; Conserv
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Bennett,C. Frank. and Cowsert,L.M.
Antisense modulation of Y-box binding protein 1 expression
Patent: US 6140126-A 4 31-OCT-2000;
Location/Qualifiers
1. .20
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AR031047
                                                                                    Unknown
                                                                                               Unknown
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AR117696
AR117696.1 GI:14098602
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Polymeropoulos, M.H. and Merril, C.R.
Eleven highly informative microsatelite
                                                                                                                                                 AR129705
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Pred. No. 7
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RESULT 726
AR264958/c
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KEYWORDS
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AR211960
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KEYWORDS
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AR194764
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AR194764
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Ward, D.T. and Wart, A.T.
Antisense modulation of RECQL2 expression
Patent: US 639378-A 16 04-JUN-2002;
Location/Qualifiers
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Patent: US 6348596-A 8 19-FEB-2002;
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Lee, L.G., Graham, R.J., Mullah, K.B. and Haxo, F.T.
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KEYWORDS
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AR266072/c
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FEATURES
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DEFINITION
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AR271788
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Sequence
AR266072
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AR264958
AR264958.1
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Sequence
AR271788
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Monia, B.P., Gaarde, W.A., Freier, S.M. and Antisense modulation of TERT expression Patent: US 6492171-A 79 10-DEC-2002;

Location/Qualifiers
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Kurane, K. Kanagawa, T., Kamagata, Y., Kurata, S., Yamada, K., Yokomaku, T., Koyama, O. and Furusho, K.

Method for determining a concentration of target nucleic acid molecules, nucleic acid probes for the method, and method for analyzing data obtained by the method

Patent: US 6492121-A 42 10-DEC-2002;
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                     expression Patent: US 6503754-A 32 07-JAN-2003;
                                          1 (bases 1 to 20)
Zhang, H. and Wyatt, J.
Antisense modulation of
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                                                                           Unclassified
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DEFINITION
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VERSION
KEYWORDS
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AR271822
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AUTHORS
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AUTHORS
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AR271805
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AR271789
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AR271789
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Zhang, H. and Wyatt, J.
Antisense modulation of BH3 interacting
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Location/Qualifiers
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Zhang, H. and Wyatt, J.
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Pred. No. 7.3e+02;
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KEYWORDS
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AR305286/c
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AR305124
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Sequence
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1 (bases 1 to 20)

Zhang, H. and Wyatt, J.

Antisense modulation c
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AR305286
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17; Conserv
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1 (bases 1 to 20)

Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,

Tammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,

Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
                                1 (bases 1 to 20)
Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzke,Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
                                                                                          Unknown
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                                                                                                                           AR305286.1
                                                                                                                                                            AR305286
                                                                                                                                                                                                                                                                                                                                             Patent: US 6545137-A 78 08-APR-2003;
Location/Qualifiers
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Patent: US 6545137-A 240 08-APR-2003;
Location/Qualifiers
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Pred. No. 7.3e+02;
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Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D., Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
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Sequence
AR309228
                                                                                                                               1 (bases 1 to 20)
Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metz Nakagawa, Y., Phillips, M.S. and Twells, R.C.J. LDL-receptor Patent: US 6555654-A 240 29-APR-2003;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent: US 6555654-A 78 29-APR-2003;
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RESULT 738
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AX048435.1
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AX020051
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Patent: WO 9937763-A 24 29-JUL-1999;
FLEGEL WILLY A (DE) ; WAGNER FRANZ F
                                                                                                                                                                                                                                                                                                                                                         unidentified unidentified
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New members of the glypican gene family
Patent: WO 9937764-A 65 29-JUL-1999;
VEUGELERS MARK PAUL DITTMAR (BE); VLAAMS
(BE); DAVID GUIDO JOSEPH FRANS (BE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutele
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                             Flegel, W.A. and Wagner, F.F.
Novel nucleic acid molecules correlated
                                                                                                                                                                                                                                                                   BADEN WUE
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Picoult-Newburg,L. and Pohl,M. Genotyping reagents, kits and methods of use Patent: WO 0129262-A 3090 26-APR-2001;
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                                                                                                                   Sequence 3090 from Patent AX117967
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Patent: WO 0136625-A 469 25-MAY-2001;
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                                                                                                                                                                                                                                                                                Method of designing addressable array for detection of nucleic sequence differences using ligase detection reaction Patent: WO 0179548-A 6264 25-OCT-2001; CORNELL RESEARCH FOUNDATION, INC. (US)
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/mol type="genomic DNA"
/db_xref="taxon:32630"
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 AX565527
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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AX587505
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Sequence 16 from Patent WOO2077026.
AX573362
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           de Villartay, J.P., Moshous, D. and Fischer, A. Gene involved in v(d) j recombination and/or Patent: WO 02077228-A 16 03-OCT-2002; INSERM (E.P.S.T.) (FR)
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/mol type="genomic DNA"
/db_xref="taxon:32630"
/note="Primer ExGR1"
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/note="Primer Ex6R1"
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         Masuho,Y.
Full-length cDNAs
Patent: EP 1293569-A 3312 19-MAR-2003;
Helix Research Institute (JP); Resear
                                                            Isogai,T., Sugiyama,T., Otsuki,T., Wakamatsu,A., Sato,H., Ishii,S.,
Yamamoto,J.I., Isono,Y., Hio,Y., Otsuka,K., Nagai,K., Irie,R.,
Tamechika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,K. and
                                                                                                             artificial sequences
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synthetic construct
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Biotechnology (JP)
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="5 primer for the YB1 gene
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11-JAN-2000 JP 00P 118776,02-MAY-2000 JP 00P 183767 PR
18-OCT-1999 US 60/159590,7-FEB-2000 US 60/183322 PI TOSHIO
OTA, TAKAO 150GAI TETSUO NISHIKAWA, KOJI HAYASHI, PI KAORU SAITO,
PI JUNICHI YAMAMOTO, SHIZUKO 1SHII, TOMOYASU SUGIYAMA, AI WAKAMATSU,
PI KEJICHI NAGAI, TETSUJI OTSUKI, KAZUHIRO YANO, KOJI MURAKAMI, PI
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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C12N15/57,C12N9/64,C12N15/63,C12N5/06,C07K16/40,C12Q1/68,
                                                                                                            Conservative
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/mol_type="genomic DNA"
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RESULT 754
BD088822
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BD076475
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                                                                                                                                                     A method of arraying genome clone Patent: JP 2001321190-A 1066 20-NOV-2001;
                                                                                                                                                                                                                  synthetic construct synthetic construct
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JP 2001321190-A/1066.
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1 (bases 1 to 20)
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                                                                                                                                                                                         artificial sequences.
1 (bases 1 to 20)
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JP 2001514890-A/12.
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                                         C12N15/00
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                                                                                   Artificial Sequence
JP 2001321190-A/1066
20-NOV-2001
Description of Artific Location/Qualifiers
                          C12N15/00
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DAVID P E,THERESA A DEISHER
C12N15/09,A61K38/00,A61P15/00,A61P15/18,A61P43/00,C07K14/47,
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JP 2001514890-A/12
18-SEP-2001
                                                  C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566,
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A61K37/02,C12N5/00
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19-AUG-1997 US 60/0561
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Location/Qualifiers
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               Artificial Sequence:Synthetic
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Pred. No. 7.3e+02
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BD096027
LOCUS
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AUTHORS
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BD096026/c
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Use of di
BD096027
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synthetic construct
synthetic construct
artificial sequences.
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Use of disease-related gene
BD096026
                                          BD096027.1 GI:22641615
WO 0138530-A/34.
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Patent: WO 0138530-A 33 31-MAY-2001;
TAKEDA CHEMICAL INDUSTRIES LTD, ATSUSHI NAKANISHI, SHIGERU
OS Artificial Sequence
PN WO 0138530-A/33
PD 31-MAY-2001
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Nakanishi, A. and Morita, S.
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llarity 85.0%;
Conservative
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Location/Qualifiers
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/mol type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630" 5 t
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Pred. No. 7.3e+02;
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Pred. No. 7.3e+02;
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BD106035
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Best Local Similarity
Matches 17; Conserv
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Query Match
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NL Patent: WO 0138530-A 34 31-MAY-2001;
TAKEDA CHEMICAL INDUSTRIES LTD.ATSUSHI NAKANISHI,SHIGERU MORITA
OS Artificial Sequence
PN WO 0138530-A/34
PD 31-MAY-2001
PF 22-NOV-2000 WO 2000JP008232
PF 24-NOV-2900 WO 2000JP008232
PR 24-NOV-2999 J9 99 333479,27-APR-2000 JP 00P 127589 PI
ATSUSHI NAKANISHI,SHIGERU MORITA
PC G01N33/15/2,A61K31/7105,A61K48/00,A61P11/06,A61K33/53,A61K33/15,
PC G01N33/15/C07K16/18
CC Primer
FH Key
1. 20
FT source /organism='Artificial Sequence'.
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PI DA
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PC C1
PC A6
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BD106035.1 GI:23200853

JP 2002501376-A/50.

Chlamydia sp.

Chlamydia sp.

Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.

1 (bases 1 to 20)
                                                                                                                                                                                                                                                                           PN JP 2002501376-A/50
PD 15-JAN-2002
PF 15-AFR-1998 JP 1998543635
PR 15-AFR-1997 US 60/04353,05-JUN-1997
JOHN ANDREW TODD,JOHN WILFRED HESS,CHARLES
                                                                                                                                                                                                                                                                                                                                                                     Novel LDL-receptor
Patent: JP 2002501376-A 50 15-JAN-2002;
THE WELLCOME TRUST LTD AS TRUSTEE TO THE
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DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,
A61K39/295,
                                                                                                                                                                 Strandedness: Single;
                                                                                                                                                     Topology: Linear;
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Location/Qualifiers
                                           /organism="Chlamydia sp.
/mol_type="genomic DNA"
/db_xref="taxon:35827"
6 C 5 g
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/db_xref="taxon:32630"
4 g
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/mol_type="genomic DNA"
85.08;
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Pred. No. 7.
Score 15.2; DB 1;
Pred. No. 7.3e+02;
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BD124085
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BD106197/c
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                                                                                                                                        20 bp DNA linear PAT 18-SEP-2002 Novel nucleic acid molecule correlating to Rhesus weak D phenotype. BD124085 GI:23219030 JP 2002500884-A/24. unidentifica
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  DRK
OS
PD
PF
                                  1 (bases 1 to 20)

Fregel, V.A. and Wagner, F.F.

Novel nucleic acid molecule correlating to Rhe
Patent: JP 2002500884-A 24 15-JAN-2002;

DRK BLUTSPENDEDIENST BADEN WUERTTEMBERG GGMBH
OS Unidentified
                                                                                                                                                                                                                                                                                                               1 Similarity
17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INC
PN
PD
PF
PR
JOHN
THOMA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Novel LDL-receptor
Patent: JP 2002501376-A 212 15-JAN-2002;
THE WELLCOME TRUST LTD AS TRUSTEE TO THE WELLCOME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Chlamydia sp.
Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
                                                                                                                           unidentified
                                                                                                                                       unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., and Hey,P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  BD106197
BD106197.1 GI:23201015
                                                                                                              unclassified.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Chlamydia sp.
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Novel LDL-receptor.
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15-JAN-2002
15-APR-1998 JP 1998543635
15-APR-1997 US 60/043553,05-JUN-1997
ANDREW TODD,JOHN WILFRED HESS,CHARLES
AS CASKEY,ROGER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DAVID COX,
DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,
A61K39/395,
                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Strandedness: Single;
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JP 2002500884-A/24
15-JAN-2002
18-DEC-1998 JP 2000528671
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 Copology: Linear;
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                                                                                                                                                                                                                                                                                                                                                                                                                       Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                      /organism="Chlamydia sp.
/mol_type="genomic DNA"
/db_xref="taxon:35827"
                                                                                                                                                                                                                                                                                                                        0.6%;
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Pred. No. 7.
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                                                                        to Rhesus
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                                                                         weak D phenotype
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SOURCE
ORGANISM
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BD128001
LOCUS
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KEYWORDS
                               BASE COUNT
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 Query Match
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AUTHORS
                                                                                            source
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                                                                                                                                                                                                                                                                                                         HELIX RESEARCH INSTITUTE
OS Unidentified
PN JP 2002017375-A/3432
PD 22-JAN-2002
PD 22-JAN-2002
PT 705HIO OTA, TETSUO NIS
PI ISHII,
PI YURI KAWAI, AI WAKAMAT
                                                                                                                       synthesized primer CC sequence FH Key FT source FT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              unclassified.

1 (bases 1 to 20)
Ota, T., Nishikawa, T., Isogai, T., Hayashi, K., Ishii, S., Kawai, Y., Wakamatsu, A., Sugiyama, T., Nagai, K., Kojima, S., Otsuki, T. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SSSEFF
                                                                                                                                                                                                                                                                                                                                                                                                                                   Primer for synthesizing full-length cDNA and Patent: JP 2002017375-A 3432 22-JAN-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          BD128001.1 GI:232229
JP 2002017375-A/3432.
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Primer for synthesizing
                                                                                                                                                                                                                           10,
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                                                                                                                                                                                                                                                                                             PI YURI KAWAI,AI WAKAMATSU,TOMOYASU SUGIYAMA,KEIICHI NAGAI, PI
SHINICHI KOJIMA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  коga,н.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             unidentified
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                                                                                                                                                                                                   C12P21/02,C12Q1/68//C12P21/08,G06F17/30,C12N15/00,C12N5/00 cription of Artificial Sequence: an artificially CC
                                                                                                                                                                                                                                                                                                                           07-JUL-2000 JP 2000253172
TOSHIO OTA,TETSUO NISHIKAWA,TAKAO ISOGAI,KOJI HAYASHI,SHIZUKO
ISHII,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        C12P21/02, C12P21/08, C12Q1/02, C12Q1/68, G01N33/566, C12N15/00, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   23-JAN-1998 EP 98101203.2
VILLY A FREGEL, FRANZ F WAGNER
                                                                                                                                                                                                                                                                                TETSUJI
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/desc = 'oligonucleotide'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Strandedness: Single;
                                                                                                                                                                                                                                                                                                                                                                                      JP 2002017375-A/3432
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                                         /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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9 c 2 g
                                                                                                       Location/Qualifiers
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                                                                                                                                                                                                                                                                             OTSUKI, HISASHI KOGA
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 0.6%;
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Pred. No. 7.3e+02
                                                                                                                         /organism='Unidentified'.
 Score 15.2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     full-length cDNA and
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 1;
Length
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DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
 REFERENCE
AUTHORS
TITLE
                                                                                                                                                                 RESULT 762
BD128301/c
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ORGANISM
                                                                                                                                                                                                                                                                                                                                                        BASE COUNT
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ACCESSION
VERSION
KEYWORDS
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BD128049
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JOURNAL
                                                                                                                                                                                                                                                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AUTHORS
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                                                                                                                                                                                                                                                                                                                                                                                                                   source
                                                                                                                                                                                                                                                                                                        Local
                                                                                                                                                                                                                                                               2262
                                                                                                                                                                                                                                                                                                                                                                                                                                            PC C12P21/02,C12Q1/68//C12P21/08,G06F17/30,C12N1/21,C12N5/
Description of Artificial Sequence: an artificially CC
Synthesized primer
CC sequence
FM Key
FT source
Location/~
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PN JP 2002017375-A/3480
PD 22-JAN-2002
PD 22-JAN-2002
PF 07-JUL-2000 JP 2000253172
PI TOSHIO OTA, TETSUO NISHIKAWA, TJ
PI ISHII,
PI YURI KAWAI, AI WAKAMATSU, TOMOY,
SHINICHI KOJIMA,
PI TETSUJI OTSUKI, HISASHI KOGA
            synthetic construct
synthetic construct
artificial sequences
1 (bases 1 to 20)
Nakanishi, A. and Morit
                                                                                       BD128301
BD128301.1 GI:23223246
JP 2002010791-A/33.
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                                                                                                                                                                                                                                                                                            l Similarity
17; Conserv
                                                                                                                                  BD128301 20 bp I
Utilization of disease-related gene.
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Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
Nakanishi,A. and Morita,S.
Utilization of disease-related gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Primer for synthesizing full-length cDNA and use thereof Patent: JP 2002017375-A 3480 22-JAN-2002; HELIX RESEARCH INSTITUTE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    unidentified
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TOSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASHI, SHIZUKO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 YURI KAWAI, AI WAKAMATSU, TOMOYASU SUGIYAMA, KEIICHI NAGAI,
                                                                                                                                                                                                                                                                                                                                                                                /organism="unidentified"
/mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                              /organism='Unidentified'.
                                                                                                                                                                                                                                                                                                                                                                  db_xref="taxon:32644"
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                                                                                                                                                                                                                                                                                                       Score 15.2; DB 1;
Pred. No. 7.3e+02;
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0; Mismatches 3;
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full-length
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RESULT 763
BD128302
LOCUS
DEFINITION
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PN JP 2002010791-A/33

PD 15-JAN-2002
PF 22-NOV-2000 JP 2000356049
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PC C12N15/09, A61K31/711, A61K45/00, A61K48/00, A61P11/00, A61P11/06,
PC C12N15/09, A61K31/711, A61K45/00, A61K48/00
PC C12N15/09, A61K31/711, A61K45/18, C12N15/00
PC G01N33/15, G01N33/50//C07K16/18, C12N15/00
PT Source Location/Qualifiers
FT source /organism='Artificial Sequence'.
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/ml_type="genomic DNA"
/db_xref="taxon:32630" 8 t
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Homo sapiens microRNA miR-182b,
AY194162
AY194162.1 GI:28395078
                                                        Submitted (04-AUG-2001) Akira Horii, Tohoku University School Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Senda Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
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Submitted (05-DEC-2002) Howard Hughes Medical of Biochemistry and Biophysics, University of of Medicine, Philadelphia, PA 19104-6148, USA Location/Qualifiers
                                                                                                                                                                                                    chromosome 1p35-p36
Genomics 74 (1), 55-70
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Genomics 74 (1), 55-70
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A BAC-based STS-content map spanning
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5 c 4 g 7 t
                                                                                                                                                                                                                                                /note="reverse primer for human STS sts-R69N18F
sts-R69N18F obtained from clones B5006, B69N18,
Human BAC library RPCI-11"
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Biallelic markers for use in constructing a high density disequilibrium map of the human genome Patent: US 6537751-A 8216 25-MAR-2003;

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